

APPENDIX A
**INTERAGENCY AND INTERGOVERNMENTAL COORDINATION AND
CONSULTATIONS**

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Appendix A-1

Interagency and Intergovernmental Coordination for Environmental Planning –
Description of the Proposed Action and Alternatives

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Lisa Sumption, Director
State Historic Preservation Office
Oregon Parks and Recreation Department
725 Summer Street NE, Suite C
Salem, OR 97301

Dear Ms. Sumption:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and the Air Force are in the process of preparing an Environmental Assessment (EA) to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

Pursuant to 36 CFR Sections 800.4(a) and (b), we request your assistance defining the Area of Potential Effects and information on any historic properties located therein that may be affected by our undertaking. A summary of the Description of Proposed Action and Alternatives (DOPAA) and location maps are attached for your review. Your comments will help us develop the scope of our environmental review.

The Proposed Action is to contract the support an estimated 2,000 ADAIR flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field ANGB on days the Oregon Air National Guard flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

To ensure the National Guard Bureau and Air Force have sufficient time to consider your input in the preparation of the Draft EA, and for compliance with Section 106 of the National Historic Preservation Act, please provide comments or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603. You may also email your comments to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. We request your comments within 30 days of receipt of this letter to ensure we can address them during the environmental impact analysis process. Thank you for your assistance.

Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH, ALAN, 1088139158
ALAN.1088139158 158
Date: 2018.09.23 15:21:57 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Julianne Polanco, SHPO
Office of Historic Preservation
Department of Parks and Recreation
1725 23rd Street, Suite 100
Sacramento, CA 95816

Dear Ms. Polanco:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and the Air Force are in the process of preparing an Environmental Assessment (EA) to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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To ensure the National Guard Bureau and Air Force have sufficient time to consider your input in the preparation of the Draft EA, and for compliance with Section 106 of the National Historic Preservation Act, please provide comments or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603. You may also email your comments to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. We request your comments within 30 days of receipt of this letter to ensure we can address them during the environmental impact analysis process. Thank you for your assistance.

Sincerely,

YOUNG, JOSEPH, Digitally signed by
YOUNG, JOSEPH, ALAN, 1088139158
168
Date: 2019.08.23 15:22:06 -0700
ALAN, 1088139158

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Rebecca Palmer, SHPO
Historic Preservation Office
901 S. Stewart Street, Suite 5004
Carson City, NV 89701-4285

Dear Ms. Palmer:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and the Air Force are in the process of preparing an Environmental Assessment (EA) to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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To ensure the National Guard Bureau and Air Force have sufficient time to consider your input in the preparation of the Draft EA, and for compliance with Section 106 of the National Historic

Preservation Act, please provide comments or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603. You may also email your comments to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. We request your comments within 30 days of receipt of this letter to ensure we can address them during the environmental impact analysis process. Thank you for your assistance.

Sincerely,

YOUNG.JOSEPH.
ALAN.1088139158

Digitally signed by
YOUNG.JOSEPH.ALAN.1088139
158
Date: 2018.08.23 15:22:16 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Robyn Thorson
U.S. Fish and Wildlife Service
Pacific Region
911 NE 11th Avenue
Portland, OR 97232

Dear Ms. Thorson:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and the Air Force are in the process of preparing an Environmental Assessment (EA) to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

The Proposed Action is to contract the support an estimated 2,000 ADAIR flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field ANGB on days the Oregon Air National Guard flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

Pursuant to Section 7 of the Endangered Species Act, we request additional information on what listed, proposed, and candidate species or designated or proposed critical habitats may be in the action area. This information and your comments on the Proposed Action will help us develop the scope of our environmental review. A summary of the Description of Proposed Action and Alternatives (DOPAA) is attached for your review.

Please forward your written comments or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603. You may also email your comments to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. We request your comments within 30 days of receipt of this letter to ensure we can address them during the environmental impact analysis process. Thank you for your assistance.

Sincerely,

YOUNG, JOSEPH.
ALAN.1088139158

Digitally signed by
YOUNG, JOSEPH ALAN 1088139
158
Date: 2018.08.23 15:22:36 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Paul Souza
U.S. Fish and Wildlife Service
Pacific Southwest Region
2800 Cottage Way
Sacramento, CA 95825

Dear Mr. Souza:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and the Air Force are in the process of preparing an Environmental Assessment (EA) to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Please forward your written comments or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603. You may also email your comments to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. We request your comments within 30 days of receipt of this letter to ensure we can address them during the environmental impact analysis process. Thank you for your assistance.

Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH ALAN.1088138
ALAN.1088139158 158
Date: 2018.09.23 15:22:45 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Honorable William Sigo IV
Tribal Chair
Confederated Tribes of the Umatilla Indian Reservation
46411 Timine Way
Pendleton, OR 97801

Dear Chairman Sigo:

The purpose of this letter is twofold: to give you an opportunity to review and comment on a proposed action in which the Confederated Tribes of the Umatilla Indian Reservation may have an interest; and to invite the Confederated Tribes of the Umatilla Indian Reservation to participate in government-to-government consultation with the Oregon Air National Guard (ORANG), National Guard Bureau, and U.S. Air Force (Air Force), pursuant to Section 106 of the National Historic Preservation Act (NHPA).

The Proposed Action is to contract the support of an estimated 2,000 Adversary Air (ADAIR) flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field Air National Guard Base [ANGB] on days the ORANG flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB, located in Klamath Falls, Oregon. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

A summary of the Description of Proposed Action and Alternatives (DOPAA) is attached for your review. Pursuant to Section 106 of the NHPA, implementing regulations at 36 CFR Part 800, and Department of Defense Instruction 4710.02 section 6, *DoD Interactions with Federally-Recognized Tribes*, we request government-to-government consultation on this Proposed Action. In particular, we invite you, pursuant to 36 CFR Section 800.4(a)(4), to provide information on any properties of historic, religious, or cultural significance that may be affected by our proposed undertaking. Regardless of whether the Tribe chooses to consult on this project, the ORANG, National Guard Bureau, and Air Force will comply with the Native American Graves Protection and Repatriation Act by informing you of any inadvertent discovery of archaeological or human remains and consulting on their disposition. Being defined as a federal undertaking, we will be seeking input and inviting other potential consulting parties, such as the Oregon State Historic Preservation Office (SHPO), Nevada SHPO, and California SHPO.

At your earliest convenience, please provide information, comments, or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603 or via email to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. This will ensure the ORANG, National Guard Bureau, and Air Force have sufficient time to fully consider them when preparing the Draft Environmental Assessment (EA), Thank you for your assistance.

Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH ALAN.1088139
ALAN.1088139158 158
Date: 2018.09.23 15:02:06 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Honorable Randi DeSoto
Tribal Chairwoman
Summit Lake Paiute Tribe
1708 H Street
Sparks, NV 89431

Dear Chairwoman DeSoto:

The purpose of this letter is twofold: to give you an opportunity to review and comment on a proposed action in which the Summit Lake Paiute Tribe may have an interest; and to invite the Summit Lake Paiute Tribe to participate in government-to-government consultation with the Oregon Air National Guard (ORANG), National Guard Bureau, and U.S. Air Force (Air Force), pursuant to Section 106 of the National Historic Preservation Act (NHPA).

The Proposed Action is to contract the support of an estimated 2,000 Adversary Air (ADAIR) flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field Air National Guard Base [ANGB] on days the ORANG flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB, located in Klamath Falls, Oregon. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

A summary of the Description of Proposed Action and Alternatives (DOPAA) is attached for your review. Pursuant to Section 106 of the NHPA, implementing regulations at 36 CFR Part 800, and Department of Defense Instruction 4710.02 section 6, *DoD Interactions with Federally-Recognized Tribes*, we request government-to-government consultation on this Proposed Action. In particular, we invite you, pursuant to 36 CFR Section 800.4(a)(4), to provide information on any properties of historic, religious, or cultural significance that may be affected by our proposed undertaking. Regardless of whether the Tribe chooses to consult on this project, the ORANG, National Guard Bureau, and Air Force will comply with the Native American Graves Protection and Repatriation Act by informing you of any inadvertent discovery of archaeological or human remains and consulting on their disposition. Being defined as a federal undertaking, we will be seeking input and inviting other potential consulting parties, such as the Oregon State Historic Preservation Office (SHPO), Nevada SHPO, and California SHPO.

At your earliest convenience, please provide information, comments, or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603 or via email to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. This will ensure the ORANG, National Guard Bureau, and Air Force have sufficient time to fully consider them when preparing the Draft Environmental Assessment (EA), Thank you for your assistance.

Sincerely,

YOUNG.JOSEPH. Digitally signed by
YOUNG.JOSEPH.ALAN.1088139
ALAN.1088139158 ISS:
Date: 2018.09.23 15:02:21 -07'00'

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Honorable Delores Pigsley
Tribal Chair
Confederated Tribes of Siletz Indians
P.O. Box 549
Siletz, OR 97380

Dear Chairwoman Pigsley:

The purpose of this letter is twofold: to give you an opportunity to review and comment on a proposed action in which the Confederated Tribes of Siletz Indians may have an interest; and to invite the Confederated Tribes of Siletz Indians to participate in government-to-government consultation with the Oregon Air National Guard (ORANG), National Guard Bureau, and U.S. Air Force (Air Force), pursuant to Section 106 of the National Historic Preservation Act (NHPA).

The Proposed Action is to contract the support of an estimated 2,000 Adversary Air (ADAIR) flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field Air National Guard Base [ANGB] on days the ORANG flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB, located in Klamath Falls, Oregon. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

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At your earliest convenience, please provide information, comments, or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603 or via email to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. This will ensure the ORANG, National Guard Bureau, and Air Force have sufficient time to fully consider them when preparing the Draft Environmental Assessment (EA), Thank you for your assistance.

Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH, ALAN, 1088139
ALAN.1088139158 158
Date: 2019.09.23 15:02:37 -07'00'

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Honorable Gary Frost
Tribal Chair
Klamath Tribes
P.O. Box 436
Chiloquin, OR 97624

Dear Chairman Frost:

The purpose of this letter is twofold: to give you an opportunity to review and comment on a proposed action in which the Klamath Tribes may have an interest; and to invite the Klamath Tribes to participate in government-to-government consultation with the Oregon Air National Guard (ORANG), National Guard Bureau, and U.S. Air Force (Air Force), pursuant to Section 106 of the National Historic Preservation Act (NHPA).

The Proposed Action is to contract the support of an estimated 2,000 Adversary Air (ADAIR) flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field Air National Guard Base [ANGB] on days the ORANG flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB, located in Klamath Falls, Oregon. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

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At your earliest convenience, please provide information, comments, or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603 or via email to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. This will ensure the ORANG, National Guard Bureau, and Air Force have sufficient time to fully consider them when preparing the Draft Environmental Assessment (EA), Thank you for your assistance.

Sincerely,

YOUNG,JOSEPH.
ALAN.1088139158

Digitally signed by
YOUNG,JOSEPH ALAN 1088139
158
Date: 2018.06.29 15:04:10 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Honorable Cheryle Kennedy
Tribal Council Chair
Confederated Tribes of Grand Ronde
9615 Grand Ronde Rd
Grand Ronde, OR 97347

Dear Chairwoman Kennedy:

The purpose of this letter is twofold: to give you an opportunity to review and comment on a proposed action in which the Confederated Tribes of Grand Ronde may have an interest; and to invite the Confederated Tribes of Grand Ronde to participate in government-to-government consultation with the Oregon Air National Guard (ORANG), National Guard Bureau, and U.S. Air Force (Air Force), pursuant to Section 106 of the National Historic Preservation Act (NHPA).

The Proposed Action is to contract the support of an estimated 2,000 Adversary Air (ADAIR) flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field Air National Guard Base [ANGB] on days the ORANG flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB, located in Klamath Falls, Oregon. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

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At your earliest convenience, please provide information, comments, or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603 or via email to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. This will ensure the ORANG, National Guard Bureau, and Air Force have sufficient time to fully consider them when preparing the Draft Environmental Assessment (EA), Thank you for your assistance.

Sincerely,

YOUNG.JOSEPH. Digitally signed by
YOUNG.JOSEPH.ALAN.1088139
ALAN.1088139158 158
Date: 2019.08.23 15:04:20 -07'00'

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Honorable Brenda Meade
Tribal Chair
Coquille Indian Tribe
3050 Tremont Street
North Bend, OR 97459

Dear Chairwoman Meade:

The purpose of this letter is twofold: to give you an opportunity to review and comment on a proposed action in which the Coquille Indian Tribe may have an interest, and to invite the Coquille Indian Tribe to participate in government-to-government consultation with the Oregon Air National Guard (ORANG), National Guard Bureau, and U.S. Air Force (Air Force), pursuant to Section 106 of the National Historic Preservation Act (NHPA).

The Proposed Action is to contract the support of an estimated 2,000 Adversary Air (ADAIR) flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field Air National Guard Base [ANGB] on days the ORANG flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB, located in Klamath Falls, Oregon. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

A summary of the Description of Proposed Action and Alternatives (DOPAA) is attached for your review. Pursuant to Section 106 of the NHPA, implementing regulations at 36 CFR Part 800, and Department of Defense Instruction 4710.02 section 6, *DoD Interactions with Federally-Recognized Tribes*, we request government-to-government consultation on this Proposed Action. In particular, we invite you, pursuant to 36 CFR Section 800.4(a)(4), to provide information on any properties of historic, religious, or cultural significance that may be affected by our proposed undertaking. Regardless of whether the Tribe chooses to consult on this project, the ORANG, National Guard Bureau, and Air Force will comply with the Native American Graves Protection and Repatriation Act by informing you of any inadvertent discovery of archaeological or human remains and consulting on their disposition. Being defined as a federal undertaking, we will be seeking input and inviting other potential consulting parties, such as the Oregon State Historic Preservation Office (SHPO), Nevada SHPO, and California SHPO.

At your earliest convenience, please provide information, comments, or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603 or via email to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. This will ensure the ORANG, National Guard Bureau, and Air Force have sufficient time to fully consider them when preparing the Draft Environmental Assessment (EA), Thank you for your assistance.

Sincerely,

YOUNG,JOSEPH. Digitally signed by
YOUNG,JOSEPH ALAN 1088139
158
ALAN.1088139158 Date: 2018.08.23 15:04:34 -07'00'

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Honorable Warren Brainard, Chief
Confederated Tribes of Coos
Lower Umpqua and Siuslaw
1245 Fulton Avenue
Coos Bay, OR 97420

Dear Chief Brainard:

The purpose of this letter is twofold: to give you an opportunity to review and comment on a proposed action in which the Lower Umpqua and Siuslaw may have an interest; and to invite the Lower Umpqua and Siuslaw to participate in government-to-government consultation with the Oregon Air National Guard (ORANG), National Guard Bureau, and U.S. Air Force (Air Force), pursuant to Section 106 of the National Historic Preservation Act (NHPA).

The Proposed Action is to contract the support of an estimated 2,000 Adversary Air (ADAIR) flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field Air National Guard Base [ANGB] on days the ORANG flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB, located in Klamath Falls, Oregon. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

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Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH, ALAN 1088139
ALAN.1088139158 158
Date: 2018.09.23 15:04:51 -07'00'

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Honorable Charlotte Rodrique
Tribal Chair
Burns Paiute Tribe
100 Pasigo St
Burns, OR 97720

Dear Chairwoman Rodrique:

The purpose of this letter is twofold: to give you an opportunity to review and comment on a proposed action in which the Burns Paiute Tribe may have an interest; and to invite the Burns Paiute Tribe to participate in government-to-government consultation with the Oregon Air National Guard (ORANG), National Guard Bureau, and U.S. Air Force (Air Force), pursuant to Section 106 of the National Historic Preservation Act (NHPA).

The Proposed Action is to contract the support of an estimated 2,000 Adversary Air (ADAIR) flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field Air National Guard Base [ANGB] on days the ORANG flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB, located in Klamath Falls, Oregon. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

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Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH, ALAN 1088139
158
ALAN.1088139158 Date: 2018.08.23 15:05:02 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Kim Kratz, Assistant Regional Administrator
NOAA Fisheries (NMFS)
Oregon and Washington Coastal Office
1201 NE Lloyd Boulevard, Suite 1100
Portland, OR 97232

Dear Ms. Kratz:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and the Air Force are in the process of preparing an Environmental Assessment (EA) to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

The Proposed Action is to contract the support an estimated 2,000 ADAIR flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field ANGB on days the Oregon Air National Guard flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

Pursuant to Section 7 of the Endangered Species Act, the Marine Mammal Protection Act, and the Magnuson-Stevens Fishery Conservation and Management Act, we request any further information you may have with regard to the potential effects of the Proposed Action on protected resources or sensitive marine habitats. Further, we request additional information on what listed, proposed, and candidate species or designated or proposed critical habitats may be in the action area. A summary of the Description of Proposed Action and Alternatives (DOPAA) is attached for your review.

Please forward your written comments or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603. You may also email your comments to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. We request your comments within 30 days of receipt of this letter to ensure we can address them during the environmental impact analysis process. Thank you for your assistance.

Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH, ALAN.1088139
158
Date: 2018.08.23 15:20:32 -07'00'
ALAN.1088139158

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Lisa Van Atta, Assistant Regional Administrator
NOAA Fisheries (NMFS)
California Coastal Area Office
1655 Heindon Road
Arcata, CA 95521

Dear Ms. Van Atta:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and the Air Force are in the process of preparing an Environmental Assessment (EA) to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Please forward your written comments or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603. You may also email your comments to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. We request your comments within 30 days of receipt of this letter to ensure we can address them during the environmental impact analysis process. Thank you for your assistance.

Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH ALAN.1088139
ALAN.1088139158 158
Date: 2019.09.23 15:21:05 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Tony Wasley, Director
Nevada Department of Wildlife
6980 Sierra Center Pkwy #120
Reno, NV 89511

Dear Mr. Wasley:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

The Proposed Action is to contract the support of an estimated 2,000 ADAIR flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field ANGB on days the Oregon Air National Guard flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

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Please forward your written comments or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603. You may also email your comments to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. We request your comments within 30 days of receipt of this letter to ensure we can address them during the environmental impact analysis process. Thank you for your assistance.

Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH ALAN 1088139
ALAN.1088139158 158
Date: 2019.08.23 15:05:27 -07'00'

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Chris Hladick, Director
U.S. EPA, Region 10
1200 Sixth Avenue
Seattle, WA 98101

Dear Mr. Hladick:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG,JOSEPH. Digitally signed by
YOUNG,JOSEPH,ALAN.1088139
158
ALAN.1088139158 Date: 2018.08.23.15.05.37 -07'00'

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Aaron L. Dorf
Commander and District Engineer
U.S. Army Corps of Engineers, Portland District
P.O. Box 2946
Portland, OR 97208-2946

Dear Col. Dorf:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH, ALAN, 1088139
ALAN, 1088139158 158
Date: 2019.09.23 15:09:58 -07'00'

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Ron Alvarado, State Conservationist
Natural Resources Conservation Services
U.S Department of Agriculture
1201 NE Lloyd Blvd, Suite 900
Portland, OR 97232

Dear Mr. Alvarado:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG, JOSEPH, Digitally signed by
YOUNG, JOSEPH, ALAN, 1088139
ALAN. 1088139158 158
Date: 2019.09.23 15:09:09 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Laura Joss
Regional Director
National Park Service, Pacific West Region
333 Bush Street, Suite 500
San Francisco, CA 94104-2828

Dear Ms. Joss:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH, ALAN 1088139
ALAN.1088139158 158
Date: 2018.09.23 15:09:20 -07'00'

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Jamie Connell
State Director
Bureau of Land Management
1220 S.W. 3rd Avenue
Portland, OR 97204

Dear Ms. Connell:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG,JOSEPH.
ALAN.1088139158
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Digitally signed by
YOUNG,JOSEPH,ALAN.1088139158
Date: 2018.08.23 15:09:31 -0700

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

John Ruhs
State Director
Bureau of Land Management
1340 Financial Blvd
Reno, NV 89502

Dear Mr. Ruhs:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH ALAN 1088139
ALAN.1088139158 158
Date: 2018.08.23 15:09:43 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Jackie Andrew, Assistant Director
Resource, Planning, and Monitoring
U.S. Forest Service
1220 SW 3rd Avenue
Portland, OR 97204

Dear Ms. Andrew:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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A summary of the Description of Proposed Action and Alternatives (DOPAA) is attached for your review.

Please forward your written comments or requests for additional information to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls Oregon 97603. You may also email your comments to Joseph.a.young32.mil@mail.mil or/and Usaf.or.173-fw.list.environmental-management-flight@mail.mil. We request your comments within 30 days of receipt of this letter to ensure we can address them during the environmental impact analysis process. Thank you for your assistance.

Sincerely,

YOUNG, JOSEPH, Digitally signed by
YOUNG, JOSEPH ALAN.1088139
ALAN.1088139158 159
Date: 2018.09.23 15:09:54 -0700
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Tony Wasley
Director
Nevada Department of Wildlife
1100 Valley Road
Reno, NV 89512

Dear Mr. Wasley:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG,JOSEPH.
ALAN.1088139158
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Digitally signed by
YOUNG, JOSEPH ALAN 1088139
159
Date: 2018.08.29 15:10:06 -0700

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Coleen Cripps, Administrator
Department of Conservation and Natural Resources
Nevada Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City, NV 89701-5249

Dear Ms. Cripps:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG JOSEPH, Digitally signed by
YOUNG JOSEPH ALAN.1088139
ALAN.1088139158 158
Date: 2019.08.23 15:10:18 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Mr. Matt Crall
Planning Services Division Manager
Oregon Department of Land Conservation and Development
635 Capitol Street NE, Suite 150
Salem, OR 97301

Dear Mr. Crall:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH ALAN, 1088139
ALAN. 1088139158 158
Date: 2018.08.23 15:10:31 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Ms. Carrie Lovellette
Division Assistant
Oregon Parks and Recreation Department Planning
725 Summer Street NE, Suite C
Salem, OR 97301

Dear Ms. Lovellette:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG,JOSEPH. Digitally signed by
YOUNG,JOSEPH,ALAN 1088139
158
ALAN.1088139158 Date: 2018.08.23 15:10:45 -07'00'

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Jim Paul
Agency Director
Oregon Department of State Lands
775 Summer Street NE, Suite 100
Salem, OR 97301-1279

Dear Mr. Paul:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG,JOSEPH.
ALAN.1088139158
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Digitally signed by
YOUNG,JOSEPH,ALAN.1088139
158
Date: 2010.08.23.15:11:00 -0700

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Curt Melcher
Director
Oregon Department of Fish and Wildlife
4034 Fairview Industrial Drive SE
Salem, OR 97302

Dear Mr. Melcher:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH, ALAN, 1088139
158
Date: 2018.08.23 15:11:16 -0700
ALAN, 1088139158

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Richard Whitman, Director
Oregon Department of Environmental Quality
DEQ Headquarters
700 NE Multnomah Street, Suite 600
Portland, OR 97232-4100

Dear Mr. Whitman:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG.JOSEPH, Digitally signed by
YOUNG.JOSEPH ALAN 1088139
159
Date: 2018.08.23 15:11:34 -0700'
ALAN.1088139158

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Randy Fisher
Executive Director
Pacific States Marine Fisheries Commission
205 SE Spokane Street, Suite 100
Portland, OR 97202

Dear Mr. Fisher:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH, ALAN, 1088139
ALAN, 1088139158 158
Date: 2019.09.23 15:11:52 -07'00'

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Neil Manji
Regional Manager
California Department of Fish and Wildlife
601 Locust Street
Redding, CA 96001

Dear Mr. Manji:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG, JOSEPH. Digitally signed by
YOUNG, JOSEPH, ALAN, 1088139
ALAN. 1088139158 156
Date: 2019.09.23 16:12:12 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:
1 – DOPAA Summary



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

28 August 2018

Karen Larsen, Deputy Director
Division of Water Quality
California North Coast Regional Water Quality Control Board
5550 Skylane Blvd, Suite A
Santa Rosa, CA 95403-1072

Dear Ms. Larsen:

The National Guard Bureau, the U.S. Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council of Environmental Quality regulations, and the Air Force NEPA regulations, the National Guard Bureau and Air Force are in the process of preparing an Environmental Assessment to assess the potential environmental impacts of contract ADAIR support at Kingsley Field ANGB.

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Sincerely,

YOUNG.JOSEPH.
ALAN.1088139158

Digitally signed by
YOUNG.JOSEPH.ALAN.1088139
158
Date: 2018.08.23 15:12:58 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Attachment:

1 – DOPAA Summary

DOPAA Summary for Kingsley Field Combat Air Force Adversary Air

Attachment 1: DOPAA Summary

In order to accomplish the United States Air Force's (Air Force) mission, it is critical that combat pilots, and the Airmen supporting them, adequately train to attain proficiency on tasks they must execute during times of war and further to sustain this proficiency as they serve in the Air Force. Increasingly, fighter pilots of the Combat Air Force (CAF) have been operating at degraded levels of proficiency and training readiness due to diminishing fiscal resources. Along with insufficient budgets to support the flying hours/training requirements needed by CAF pilots, they have also had to support adversary air (ADAIR) flying missions that have minimal training value to the CAF pilots themselves. ADAIR sorties simulate an opposing force that provide a necessary and realistic combat environment during CAF training missions. Flying these ADAIR sorties requires the use of potential adversaries' tactics and procedures that may differ significantly from CAF tactics and procedures; therefore, ADAIR sorties provide minimal CAF training while taking up valuable flying hours that could otherwise be spent on core training tasks. Contract ADAIR would provide the Air Force another way to fill ADAIR sorties, improve the quality of training and readiness of CAF pilots, and allow the Air Force to recapitalize other valuable assets and training time.

The Air Force is proposing to provide dedicated contract ADAIR sorties for CAF training at Kingsley Field Air National Guard Base (ANGB), Oregon (**Figure 1**), to address shortfalls in F-15 pilot training and production capability. The Proposed Action at Kingsley Field ANGB would include the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in support of the 173rd Fighter Wing at Kingsley Field ANGB. This number of contract ADAIR sorties also includes sorties expected for aircraft leaving for or returning from either maintenance or other deployments. Contract ADAIR would fly up to a projected 3 percent of the estimated 2,000 sorties during environmental night hours when the effects of aircraft noise are accentuated (10:00 pm to 7:00 am local time).

Kingsley ANGB has existing facilities to support the Proposed Action. The proposed facilities are available for use and require minimal modification. They are located around the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission. Kingsley Field ANGB has three options for providing proposed operations facilities which include operations and aircraft maintenance functions (**Figure 2**). Under Option 1, operations activities would be located in Building 404 and Aircraft Maintenance Unit personnel would be located in Building 307. Under Option 2, operations would be accommodated in Building 219 and maintenance would be housed in Building 307. Under Option 3, operations and maintenance would be consolidated in Building 219. Under Options 1 and 2, aircraft parking would be on Delta Row and aircraft maintenance spaces would be available in Charlie Barns, both of which are located in front of Building 307, and under Option 3, aircraft parking would be on Bravo Row, in front of Building 219 and aircraft maintenance would be located with the Aircraft Maintenance Unit inside of Building 219 (**Figure 2**).

CAF training activities utilize special use airspace proximate to Kingsley Field ANGB. Special use airspace includes Military Operations Areas (MOAs), Air Traffic Control-Assigned Airspaces (ATCAAs), and Warning Areas. The primary operational airspace that would be used by contract ADAIR aircraft is the Juniper/Hart MOA Complex. The Juniper/Hart MOA Complex is comprised of several MOAs and ATCAAs. Other airspace available for use by ADAIR missions include the Dolphin and Goose MOAs. In addition, a small portion of sorties would occur in W-93 (**Figure 3**). Time spent within the special use airspace would depend upon the specific training mission performed but would typically last 45 to 60 minutes. Contract ADAIR aircraft would employ chaff and flares (RR-188 chaff and M206 flares or similar) during 100 percent of their training sortie operations. Chaff and flares are the principal defensive countermeasures dispensed by military aircraft to avoid detection or attack by enemy air defense systems. Flares are not deployed in MOAs below 5,000 feet above ground level to negate the potential for the ignition of wildland fires and minimize the impacts to public safety. Contractor operations would occur in the special use airspace concurrent to the 173rd Fighter Wing or other supported Air Force units. No airspace modifications would be required for contract ADAIR as part of the Proposed Action.

DOPAA Summary for Kingsley Field Combat Air Force Adversary Air

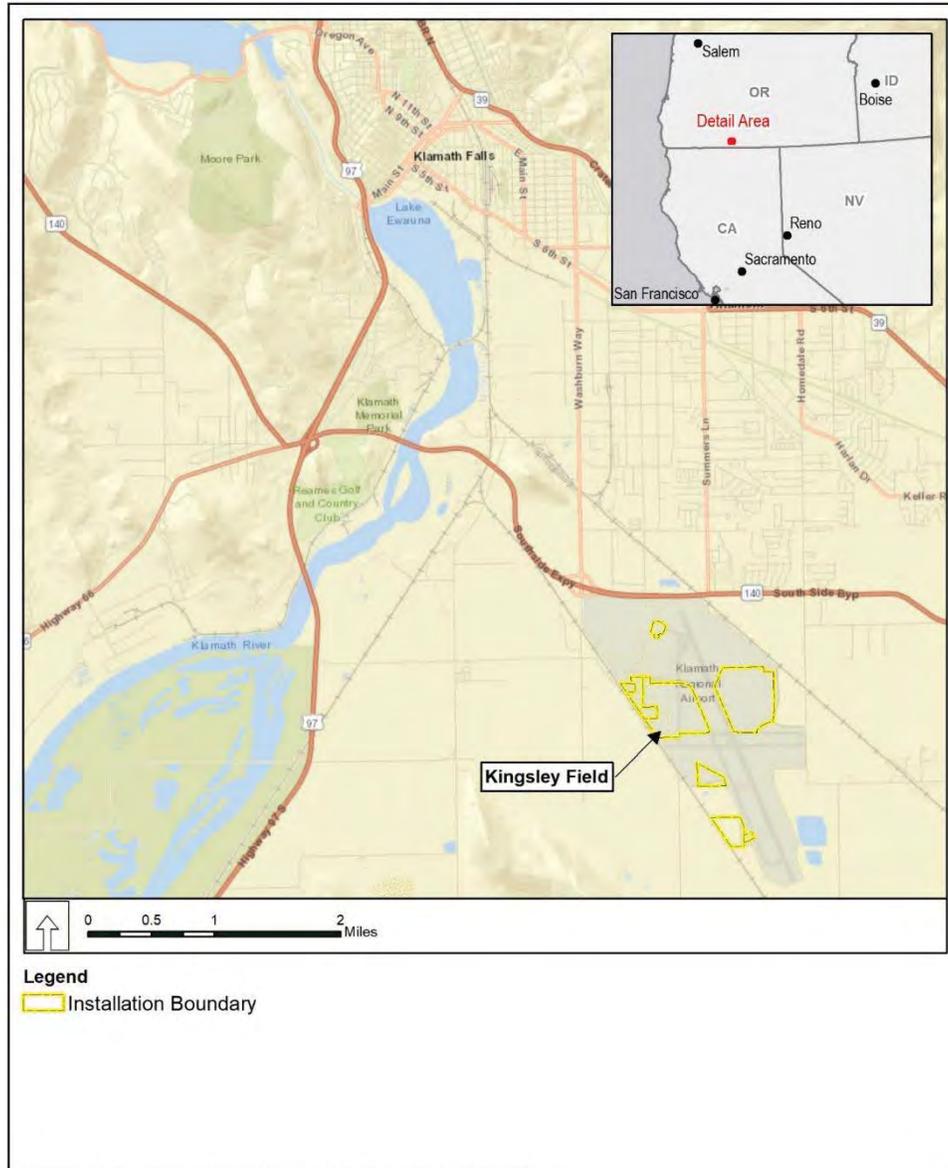


Figure 1. Location of Kingsley Field Air National Guard Base.

DOPAA Summary for Kingsley Field Combat Air Force Adversary Air



Figure 2. Proposed Location for Contract Adversary Air Operations and Maintenance Facilities.

DOPAA Summary for Kingsley Field Combat Air Force Adversary Air

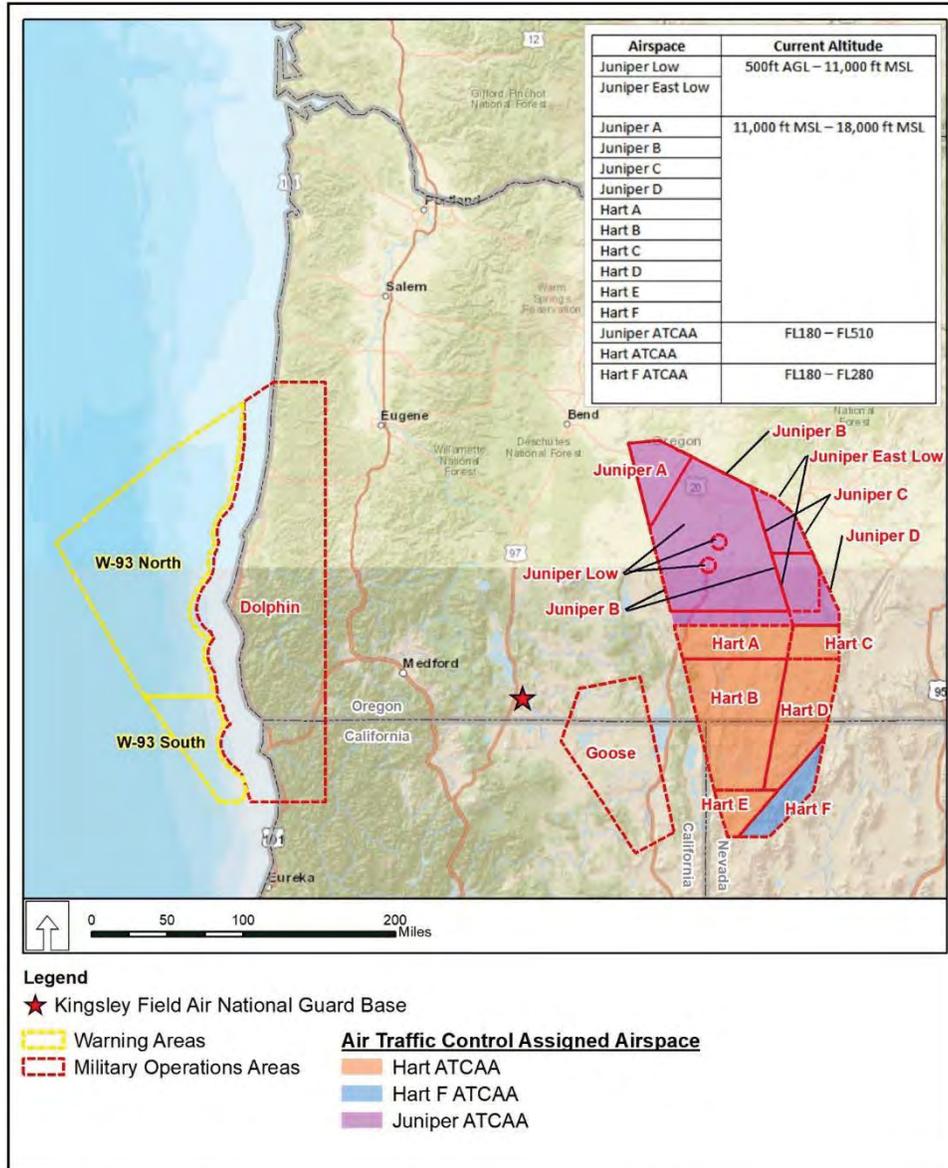


Figure 3. Special Use Airspace Proposed for Contract Adversary Air Sorties.

Interagency and Intergovernmental Coordination and Consultations Mailing List

Lisa Sumption, Director
State Historic Preservation Office
Oregon Parks and Recreation Department
725 Summer Street NE, Suite C
Salem, OR 97301

Julianne Polanco, SHPO
Office of Historic Preservation
Department of Parks and Recreation
1725 23rd Street, Suite 100
Sacramento, CA 95816

Rebecca Palmer, SHPO
Historic Preservation Office
901 S. Stewart Street, Suite 5004
Carson City, NV 89701-4285

Tony Wasley, Director
Nevada Department of Wildlife
6980 Sierra Center Pkwy #120
Reno, NV 89511

Kim Kratz, Assistant Regional Administrator
NOAA Fisheries (NMFS)
Oregon and Washington Coastal Office
1201 NE Lloyd Boulevard, Suite 1100
Portland, OR 97232

Lisa Van Atta, Assistant Regional Administrator
NOAA Fisheries (NMFS)
California Coastal Area Office
1655 Heindon Road
Arcata, CA 95521

Robyn Thorson
USFWS
Pacific Region
911 NE 11th Avenue
Portland, OR 97232

Paul Souza
USFWS
Pacific Southwest Region
2800 Cottage Way
Sacramento, CA 95825

Chris Hladick, Director
USEPA, Region 10
1200 Sixth Avenue
Seattle, WA 98101

Aaron L. Dorf, Commander and District Engineer
US Army Corps of Engineers, Portland District
P.O. Box 2946
Portland, OR 97208-2946

Ron Alvarado, State Conservationist
Natural Resources Conservation Services
US Department of Agriculture
1201 NE Lloyd Blvd, Suite 900
Portland, OR 97232

Laura Joss, Regional Director
National Park Service, Pacific West Region
333 Bush Street, Suite 500
San Francisco, CA 94104-2828

Jamie Connell, State Director
Bureau of Land Management
1220 S.W. 3rd Avenue
Portland, OR 97204

John Ruhs, State Director
Bureau of Land Management
1340 Financial Blvd
Reno, NV 89502

Jackie Andrew, Assistant Director
Resource, Planning, and Monitoring
US Forest Service
1220 SW 3rd Avenue
Portland, OR 97204

Coleen Cripps, Administrator
Department of Conservation and Natural
Resources
Nevada Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City, NV 89701-5249

Mr. Matt Crall, Planning Services Division
Manager
Oregon Department of Land Conservation and
Development
635 Capitol Street NE, Suite 150
Salem, OR 97301

Ms. Carrie Lovellette, Division Assistant
Oregon Parks and Recreation Department
Planning
725 Summer Street NE, Suite C
Salem, OR 97301

Jim Paul, Agency Director
Oregon Department of State Lands
775 Summer Street NE, Suite 100
Salem, OR 97301-1279

Randi DeSoto, Tribal Chairwoman
Summit Lake Paiute Tribe
1708 H Street
Sparks, NV 89431

Curt Melcher, Director
Oregon Department of Fish and Wildlife
4034 Fairview Industrial Drive SE
Salem, OR 97302

Delores Pigsley, Tribal Chair
Confederated Tribes of Siletz Indians
P.O. Box 549
Siletz, OR 97380

Richard Whitman, Director
Oregon Department of Environmental Quality
DEQ Headquarters
700 NE Multnomah Street, Suite 600
Portland, OR 97232-4100

Gary Frost, Tribal Chair
Klamath Tribes
P.O. Box 436
Chiloquin, OR 97624

Randy Fisher, Executive Director
Pacific States Marine Fisheries Commission
205 SE Spokane Street, Suite 100
Portland, OR 97202

Cheryle Kennedy, Tribal Council Chair
Confederated Tribes of Grand Ronde
9615 Grand Ronde Rd
Grand Ronde, OR 97347

Neil Manji, Regional Manager
California Department of Fish and Wildlife
601 Locust Street
Redding, CA 96001

Brenda Meade, Tribal Chair
Coquille Indian Tribe
3050 Tremont Street
North Bend, OR 97459

Karen Larsen, Deputy Director
Division of Water Quality
California North Coast Regional Water Quality
Control Board
5550 Skylane Blvd, Suite A
Santa Rosa, CA 95403-1072

Warren Brainard, Chief
Confederated Tribes of Coos
Lower Umpqua and Siuslaw
1245 Fulton Avenue
Coos Bay, OR 97420

William Sigo IV, Tribal Chair
Confederated Tribes of the Umatilla Indian
Reservation
46411 Timine Way
Pendleton, OR 97801

Charlotte Rodrique, Tribal Chair
Burns Paiute Tribe
100 Pasigo St
Burns, OR 97720

Appendix A-2

United States Fish and Wildlife Service and National Marine Fisheries Service Consultation

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

12 April 2019

Robyn Thorson
U.S. Fish and Wildlife Service
Pacific Region
911 NE 11th Avenue
Portland, OR 97232

Dear Ms. Thorson:

The National Guard Bureau, the US Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. Kingsley Field ANGB requests concurrence with a may affect, not likely to adversely affect determination for marbled murrelet and short-tailed albatross per Section 7 of the Endangered Species Act regarding the proposal to provide ADAIR support at Kingsley Field ANGB.

The Proposed Action is to contract the support of an estimated 2,000 ADAIR flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field ANGB on days the Oregon Air National Guard flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada, and Oregon as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

Threatened, Endangered, and Candidate Species and Critical Habitat

A review of the U.S. Fish and Wildlife Service Information for Planning and Consultation Database, Oregon Department of Fish and Wildlife, California Department of Fish and Wildlife, and Nevada Department of Wildlife as well as the Kingsley Field ANGB Integrated Natural Resources Management Plan identified the federally listed species with the potential to occur at Kingsley Field ANGB and in the Juniper/Hart Military Operations Area (MOA) Complex, Dolphin and Goose MOAs, and Warning Area W-93. These are described in the attached Biological Evaluation.

Of these species, three are known to occur at Kingsley Field ANGB (one plant and two fish species): Applegate's milk-vetch (*Astragalus applegatei*), shortnose sucker (*Chasmistes brevirostris*), and Lost River sucker (*Deltistes luxatus*); however, as there would be no construction or ground-disturbing activities at Kingsley Field ANGB and plant and fish species would not be affected by changes in air operations from increased sorties at Kingsley Field ANGB, there would be no adverse effects on the three sensitive species listed above.

Further, because there would be no ground activities in the Juniper/Hart MOA Complex, Goose MOA, Dolphin MOA, or Warning Area W-93 from the proposed action and proposed activities are limited to aircraft overflights in the airspace where noise and visual cues could cause behavioral changes in birds and mammals, there would be no impacts on listed plants, aquatic species (i.e., fish), reptiles (other than sea turtles) and amphibians, invertebrates, or crustaceans. Of the listed species potentially occurring in the project area, seven federally listed birds; eight federally listed, one proposed threatened, and one candidate mammal species (five of which are marine mammals); and four federally listed sea turtle species could therefore be impacted by the proposed action in the airspace. Section 7 consultation for the marine mammals and sea turtle species has been initiated with the National Oceanic and Atmospheric Administration's National Marine Fisheries Service, and these species are not described further.

There are seven federally listed birds and five federally listed terrestrial mammals potentially occurring in the MOAs with the potential to be affected by aircraft operations and are further described in the attached Biological Evaluation:

- Short-tailed albatross (*Phoebastria (=Diomedea) albatrus*) - Endangered
- Marbled murrelet (*Brachyramphus marmoratus*) - Threatened
- Streaked horned lark (*Eremophila alpestris strigata*) - Threatened
- Ridgway's rail (*Rallus longirostris obsoletus*) - Endangered
- Western snowy plover (*Charadrius nivosus*) - Threatened
- Yellow-billed cuckoo (*Bartramia longicauda*) - Threatened
- Northern spotted owl (*Strix occidentalis caurina*) - Threatened
- Red tree vole (*Arborimus longicaudus*) - Candidate
- Gray wolf (*Canis lupus*) - Endangered
- Columbian white-tailed deer (*Odocoileus virginianus leucurus*) - Threatened
- Wolverine (*Gulo gulo*) - Proposed Threatened
- Canada lynx (*Lynx canadensis*) - Threatened

There is designated Critical Habitat in the Juniper/Hart MOA Complex for two listed fish species: the desert dace (*Eremichthys acros*) and the warner sucker (*Catostomus warnerensis*). No impacts to the designated Critical Habitat in the MOA will occur from aircraft overflight activity and contract ADAIR training with Air Force pilots and as such, this Critical Habitat is not described further.

Designated Critical Habitat for the Lost River sucker and shortnose sucker is present within the Goose MOA; however, there would be no impacts to designated Critical Habitat for these two listed fish species from aircraft overflights associated with contract ADAIR training activities; therefore, the designated Critical Habitat for these two fish species is not discussed further.

Designated Critical Habitat for eight listed species occurs in the Dolphin MOA, including the marbled murrelet, northern spotted owl, and western snowy plover. Designated Critical habitat for Cook's lomatium (*Lomatium cookii*), tidewater goby (*Eucyclogobius newberryi*), coho salmon (*Oncorhynchus kisutch*), green sturgeon (*Acipenser medirostris*), and Oregon silverspot butterfly (*Speyeria zerene hippolyta*) are not discussed further as aircraft overflights from contract ADAIR training activities would not impact plants, fish, or insects.

Determination of the Effects of the Proposed Action

There are no federally listed bird or mammal species on Kingsley Field ANGB. As such, there would be no effect to listed species at Kingsley Field from implementation of the Proposed Action. There would be no effect on the federally listed birds or their designated Critical Habitats from contract ADAIR aircraft operations during training in the MOAs. Listed bird species that would occur in the MOAs would primarily be foraging or nesting and would occur at altitudes well below 10,000 feet mean sea level, which is the lowest altitude that contract ADAIR aircraft training would occur in the MOAs. As such, these species would likely not be startled or at risk from aircraft strikes from contract ADAIR training. Aircraft noise in the MOAs would have no effect on bird species as the noise levels would not exceed 45 decibels from ADAIR training. There would be no effect from the use of countermeasure chaff and flares as the components of chaff and flares have been found to have low toxicity and do not accumulate or magnify in food webs; chaff fibers are too large to be inhaled; and human health assessments have found the products from flare combustion have been found to not have significant adverse effects, which is likely applicable to other species (Air Force, 1997). While birds may experience disorientation if they fly through a cloud of chaff, the effect would be short and the potential for injury is low due to the low mass and diffuse nature of the chaff, the low resistance times chaff is in the air, and the localized nature of the chaff release (Air Force, 1997).

Although the delisted Columbian white-tailed deer Douglas County population occurs under the Dolphin MOA, the listed Columbia River population is located north of and outside the boundaries of the MOA; therefore, contract ADAIR training would have no effect on the listed Columbia River Distinct Population Segment of the Columbian white-tailed deer. The other listed mammals would potentially only be affected by aircraft overflights if the training activities elicited negative behavioral responses. Training in the MOAs where listed mammals could occur would be at altitudes above either 10,000 or 11,000 feet above mean sea level based on which MOA training occurred; however, neither aircraft movement nor noise emissions from contract ADAIR aircraft at altitudes above 10,000 feet mean sea level would elicit a response from mammals. Noise from contract ADAIR aircraft would not exceed 45 decibels and would therefore have no effect on the listed mammal species. Lastly, extensive studies have shown that the use of chaff and flares has no adverse impact on wildlife, their components have been shown to have no or low toxicity and not known to accumulate or magnify in food webs (Air Force, 1997). As such, the contract ADAIR training would have no effect on federally listed mammals.

Sonic booms from supersonic aircraft movement could cause a startle response by the listed species; however, sonic booms would be relatively rare events during ADAIR training in the MOAs, and the sonic boom and post-boom rumbling would be similar to what wildlife experience during a thunderstorm, and thunderstorms do occur with relative frequency in the region; therefore, sonic booms from supersonic aircraft movement would have no effect on listed species.

The use of chaff and flares over the Pacific Ocean as a result of the contract ADAIR training in W-93 and the Dolphin MOA, with the potential for the ingestion of small residual plastic chaff and flare components that could make their way to the ocean surface and be mistake for prey items, may affect but is not likely to adversely affect the marbled murrelet and short-tailed albatross.

Please provide your written concurrence of the Air Force's no effect determination for the streaked horned lark, Ridgway's rail, western snowy plover, yellow-billed cuckoo, northern spotted owl, red tree vole, gray wolf, Columbian white-tailed deer, and Canada lynx and the may affected not likely to adversely affect determination for the marbled murrelet and short-tailed albatross to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls, Oregon 97603, or via

email to Joseph.a.young32.mil@mail.mil. Please contact me directly if you have any questions or concerns with our no effect determination. Thank you for your assistance.

Sincerely,

YOUNG.JOSEPH.A.
LAN.1088139158

Digitally signed by
YOUNG.JOSEPH.ALAN.10881391
58
Date: 2019.04.12 16:55:56 -0700

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Reference:

Air Force. 1997. *Environmental Effects of Self-protection Chaff and Flares: Final Report*. Prepared for Headquarters Air Combat Command, Langley Air Force Base, Virginia.

Attachment:

1 – Biological Evaluation



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

12 April 2019

Kim Kratz, Assistant Regional Administrator
NOAA Fisheries (NMFS)
Oregon and Washington Coastal Office
1201 NE Lloyd Boulevard, Suite 1100
Portland, OR 97232

Dear Ms. Kratz:

The National Guard Bureau, the US Air Force (Air Force), and Headquarters Air Combat Command are proposing to provide Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon, to address shortfalls in combat readiness and provide the necessary capability and capacity to employ adversary tactics across the training spectrum from basic fighter maneuvers to high-end, advance combat training missions. Kingsley Field ANGB requests concurrence with a may affect, but likely to not adversely affect determination for marine mammals and sea turtles per Section 7 of the Endangered Species Act regarding the proposal to provide contract ADAIR support at Kingsley Field ANGB.

The Proposed Action is to contract the support of an estimated 2,000 ADAIR flights by individual aircraft (on average, an additional four to eight sorties from Kingsley Field ANGB on days the Oregon Air National Guard flies). Contract ADAIR may use different types of fighter aircraft available with acceptable capabilities to support training requirements. An estimated six (6) contractor aircraft would be stationed at Kingsley ANGB. Training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada, and Oregon as well as the Pacific Ocean off the coasts of Oregon and northern California (see attachment). Kingsley ANGB has existing facilities available for use and may require minimal modification to be made ready for the ADAIR mission.

Threatened, Endangered, and Candidate Species and Critical Habitat

A review of the National Marine Fisheries Listed Species Section 7 Species Mapper; Oregon Department of Fish and Wildlife, California Department of Fish and Wildlife, and Nevada Department of Wildlife species lists; as well as the Kingsley Field ANGB Integrated Natural Resources Management Plan identified the federally listed species with the potential to occur at Kingsley Field ANGB and in the Juniper/Hart Military Operations Area (MOA) Complex, Dolphin and Goose MOAs, and Warning Area W-93. These are described in the attached Biological Evaluation.

Of these species, only ADAIR operations in the Dolphin MOA and Warning Area W-93 have the potential to affect marine species. Because there would be no on-ground or in-water activities in the Dolphin MOA or Warning Area W-93 from the proposed action and proposed activities are limited to aircraft overflights and the use of defensive countermeasures in the airspace where noise and visual cues could cause behavioral changes in marine mammal and sea turtles, there would be no impacts on listed fish species. Of the listed species potentially occurring in the project area, five federally listed marine

mammals and four federally listed sea turtle species could therefore be impacted by the proposed action and are further described in the attached Biological Evaluation:

- Steller sea lion (*Eumetopias jubatus*) – Endangered
- Sperm whale (*Physeter macrocephalus*) – Endangered
- Blue whale (*Balaenoptera musculus*) – Endangered
- Killer whale (*Orcinus orca*) – Endangered
- Humpback whale (*Megaptera novaengliae*) – Endangered
- Leatherback sea turtle (*Dermochelys coriacea*) – Endangered
- Green sea turtle (*Chelonia mydas*) – Endangered
- Olive ridley sea turtle (*Lepidochelys olivacea*) – Endangered
- Loggerhead sea turtle (*Caretta caretta*) – Threatened

Determination of the Effects of the Proposed Action

A total of 183 additional contract ADAIR sorties in the Dolphin MOA and 10 additional contract ADAIR sorties in the Warning Area W-93 would occur annually under the proposed action. The listed marine mammals and sea turtles could potentially be affected by aircraft overflights if the training activities elicited negative behavioral responses; however, aircraft movement would not be visible to marine mammals and sea turtles unless an individual was at the exact location at the moment in which an aircraft traveling at high speed at a relatively low altitude passed directly overhead. As the majority (183 of the 193 contract ADAIR sorties in the special use airspace over the Pacific Ocean) of the contract ADAIR sorties would occur above 11,000 feet above mean sea level, these occurrences with contract ADAIR aircraft would be so rare as to be negligible and may not even generate a startle response if an interaction occurred. Aircraft noise in the MOAs would have no effect on marine mammals or sea turtles as the noise levels would not exceed 45 decibels from contract ADAIR training; therefore, there would be no effect on the federally listed marine mammals or sea turtles from contract ADAIR aircraft training flights. Sonic booms from supersonic aircraft movement could cause a startle response by the listed species; however, sonic booms would be relatively rare events during contract ADAIR training, and the sonic boom and post-boom rumbling would be similar to what marine mammals and sea turtles experience on the ocean surface during a thunderstorm; therefore, sonic booms from supersonic aircraft movement would have no effect on listed species.

The components of chaff and flares have been found to have low toxicity and do not accumulate or magnify in food webs; chaff fibers are too large to be inhaled; and human health assessments have found the products from flare combustion have been found to not have significant adverse effects, which is likely applicable to other species (Air Force, 1997); however, an annual increase in 89 flares in the Warning Area W-93 is proposed to support the increased ADAIR sorties. The use of chaff and flares at lower altitudes over the Pacific Ocean could produce small amounts of ingestible material, such as plastic caps and pistons and these could fall to the ocean surface. Alternatively, given the small increase in proposed use of flares within the extraordinarily large special use airspaces over the Pacific Ocean, there is a very low probability that a marine mammal or sea turtle would ever encounter unignited flare components; therefore, the proposed project may affect but is unlikely to adversely affect the stellar sea lion, sperm whale, blue whale, killer whale, humpback whale, leatherback turtle, green turtle, olive ridley turtle, and loggerhead turtle.

Please provide your written concurrence of the Air Force's may affect but not likely to adversely affect determination on marine mammals and sea turtles to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls, Oregon 97603, or via email to Joseph.a.young32.mil@mail.mil. Please contact me directly if you have any questions or concerns with our no effect determination. Thank you for your assistance.

Sincerely,

YOUNG.JOSEPH.A Digitally signed by
YOUNG.JOSEPH.A.LAN.1088139158
LAN.1088139158 Date: 2019.04.12 16:55:12 -07'00'

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Reference:

Air Force. 1997. *Environmental Effects of Self-protection Chaff and Flares: Final Report*. Prepared for Headquarters Air Combat Command, Langley Air Force Base, Virginia.

Attachment:

1 – Biological Evaluation

From: Ortiz, Ramon E CIV USAF NGB A4 (USA) [REDACTED]
Sent: Monday, August 12, 2019 1:43 PM
To: Stumpf, Christa [USA - EMP]
Cc: Houghton, Bonnie L CTR USAF NGB A4 (USA); Carlson, Jennifer M CIV (US); Kratz, Kim W CIV (US); Frisch, Melanie A CIV USAF NGB A7 (USA)
Subject: FW: [Non-DoD Source] Re: Oregon Air National Guard Request for consultation

Ms. Stumpf:

Per your request during our meeting this afternoon.

Kind Regards

RAMÓN E. ORTIZ, P.E., GS-14
Environmental Engineer/Project Manager

[REDACTED]

From: Kim Kratz - NOAA Federal [REDACTED]
Sent: Thursday, July 18, 2019 4:42 PM
To: Houghton, Bonnie L CTR USAF NGB A4 (USA) [REDACTED]
Cc: Ortiz, Ramon E CIV USAF NGB A4 (USA) [REDACTED]; Carlson, Jennifer M CIV (US)
Subject: [Non-DoD Source] Re: Oregon Air National Guard Request for consultation

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

Ms. Houghton,
I apologize for our delay in responding to your request.
After reviewing the proposed action, the primary project action area is currently outside the range of listed species under our jurisdiction. NOAA-Fisheries believes that the proposed action will have no effect on our listed species and therefore consultation is not required.
Thank you for reaching out to us.
Please let us know if you have further questions.
Kim

----- Forwarded message -----
From: Houghton, Bonnie L CTR USAF NGB A4 (USA) [REDACTED]
Date: Thu, Jul 18, 2019 at 10:47 AM
Subject: Oregon Air National Guard Request, National Marine Fisheries
To: Carlson, Jennifer M CIV (US) [REDACTED]

[REDACTED]
Cc: Ortiz, Ramon E CIV USAF NGB A4 (USA) [REDACTED]
[REDACTED]

Ms. McDonald –

Thank you for your efforts in tracking down your copy of the Oregon National Guard's concurrence request letter regarding the Proposed Adversary Air (ADAIR) airspace project addressed to Mr. Kim Kratz and signed by Captain Joseph Young (attached). Any copies of an official or informal NMFS response that you may be able to locate, that would have been addressed to Captain Young would be appreciated, or any form of status update that you may be able to send us in writing, formal or informal would be excellent.

Thank you again for assisting us in keeping our records and process moving smoothly and up to date!

Regards,

Bonnie L Houghton

NEPA Airspace Analyst

NGB/A4AM - Plans and Requirements Branch

Air National Guard Readiness Center

3501 Fetchet Avenue, Joint Base Andrews, MD 20762

[REDACTED]

[REDACTED]



Center for Environmental Management of Military Lands

Colorado State University

--

Kim Kratz, Ph.D.
*Assistant Regional Administrator
Oregon/Washington Coastal Area Office*

NOAA Fisheries West Coast Region
U.S. Department of Commerce
Office: [REDACTED]

Caution-www.westcoast.fisheries.noaa.gov < Caution-<http://www.westcoast.fisheries.noaa.gov/> >





United States Department of the Interior



FISH AND WILDLIFE SERVICE
Klamath Falls Fish and Wildlife Office
1936 California Avenue
Klamath Falls, Oregon 97601
(541) 885-8481 FAX (541)885-7837

In Reply Refer To:
08EKLA00-2019-I-0128

AUG 26 2019

Captain Joseph A. Young
173FW/CEV
221 Wagner Street, Suite 99
Kingsley Field
Klamath Falls, Oregon 97603

Subject: Informal Consultation on the Kingsley Field Air National Guard Base Combat Air
Forces Adversary Air

Dear Captain Young:

This responds to your letter dated April 12, 2019, and received in our office on August 14, 2019, requesting concurrence from the U.S. Fish and Wildlife Service (Service), pursuant to the requirements of section 7 of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.), for the subject action. Our response to your request is based on the April 2019 biological assessment accompanying your letter and information in our files.

The proposed action provides Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base (ANGB), located in Klamath Falls, Oregon. The training activities would occur in airspace over northern California, Oregon, and northwestern Nevada including the Pacific Ocean off the northern California and Oregon coasts. Existing facilities at Kingsley ANGB would be used to station aircraft.

Kingsley ANGB determined a number of federally threatened and endangered species and their critical habitats may be present within the action area. A "no effect" determination was made for western snowy plover (*Charadrius nivosus*), yellow-billed cuckoo (*Bartramia longicauda*), northern spotted owl (*Strix occidentalis caurina*), streaked horned lark (*Eremophila alpestris strigata*), Ridgway's rail (*Rallus longirostris obsoletus*), gray wolf (*Canis lupus*), Canada lynx (*Lynx Canadensis*), Columbian white-tailed deer (*Odocoileus virginianus leucurus*; Columbia River DPS), and critical habitats associated with these species. Similarly, a "may affect, but is not likely to adversely affect" determination was made for the marbled murrelet (*Brachyramphus marmoratus*), critical habitat for the marbled murrelet, and the short-tailed albatross (*Phoebastria (=Diomedea) albatrus*). The Service does not have the authority to provide concurrence for no effect determinations due to policy and the implementing regulations for section 7 of the Act. Therefore, our concurrence is limited to the effects to marbled murrelet, marbled murrelet critical habitat, and short-tailed albatross.

Captain Joseph Young

08ECLA00-2019-I-0128

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The potential effects of the action to marbled murrelet, marbled murrelet critical habitat, and short-tailed albatross would be from the ADAIR training itself, as well as associated effects from noise and the use of chaff and flares over the Pacific Ocean. Training flights will occur at elevations greater than 11,000 feet mean sea level, which are above those expected to be used by marbled murrelets and short-tailed albatross movements for foraging and nesting. Noise from aircraft would be below 45 decibels and is not anticipated to cause startle effects to either species. Chaff and flare components, however, have the potential to be ingested by both marbled murrelet and short-tailed albatross. This effect is anticipated to be discountable due to the low likelihood that either species would encounter the components during foraging activities. Effects to critical habitat are considered insignificant because the consequences from the activity are not likely to be measurable relative to critical habitat.

In summary, adverse effects from the proposed action are not anticipated. Based on the information provided in your biological assessment and information in our files, we concur with the determination that the subject action may affect, but is not likely to adversely affect the marbled murrelet, critical habitat for the marbled murrelet, and the short-tailed albatross.

This concludes informal consultation pursuant to section 7 of the Act. Reinitiation of consultation on this action may be necessary if: (1) new information reveals effects of the action that may affect species or critical habitat in a manner or to an extent not considered in the assessment; (2) the action is subsequently modified in a manner that causes an effect to species or critical habitat that was not considered in the analysis; or (3) a new species is listed or critical habitat designated that may be affected by the proposed action.

Thank you for your efforts to conserve federally-listed species. If you have any questions about this document, please contact Elizabeth Willy at [REDACTED]

Sincerely,



Daniel D. Blake
Field Supervisor

cc: Paul Henson, State Supervisor, Oregon Fish and Wildlife Office
Daniel Everson, Field Supervisor, Arcata Fish and Wildlife Office
Jim Thrailkill, Field Supervisor, Roseburg Field Office
Bridget Moran, Field Supervisor, Bend Field Office
Lee Ann Carranza, Acting Field Supervisor, Reno Fish and Wildlife Office

Appendix A-3

Draft Environmental Assessment Distribution Letters

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NATIONAL GUARD BUREAU
3501 FETCHET AVENUE
JOINT BASE ANDREWS 20762-5157

16 May 2019

Rebecca Palmer, SHPO
Historic Preservation Office
901 S. Stewart Street, Suite 5004
Carson City, NV 89701-4285

Dear Ms. Palmer,

Several months ago, Mr. Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. Now, per 36 CFR 800.11(e), I would like to provide documentation of our finding of *No Historic Properties Affected* and respectfully request your concurrence with this determination.

The Proposed Action at Kingsley ANGB would include the establishment of an estimated 39 contracted maintainers and eight contracted pilots who would operate an estimated six contractor aircraft out of existing facilities. These pilots would fly an estimated 2,000 annual sorties to provide a simulated enemy opponent during training in support of the 173d Fighter Wing at Kingsley ANGB. Under the Proposed Action, training activities would utilize special use airspace near Kingsley ANGB (Draft EA, Figure 1-4). Special use airspace includes Military Operations Areas (MOAs), Air Traffic Control-Assigned Airspaces (ATCAAs), and offshore Warning Areas that provide airspace for military aircraft training and serve to warn nonparticipating aircraft of potential danger. Most flying will take place in the Juniper/Hart MOA Complex located about 80 miles east of Kingsley ANGB. The Juniper/Hart MOA Complex is comprised of several MOAs and ATCAAs. Other airspace available for use by contract ADAIR missions include Dolphin MOA located about 100 miles west of Kingsley ANGB and Goose MOA located 25 miles east of Kingsley ANGB. In addition, a small portion of sorties would occur in Warning Area 93 (W-93), located about 12 miles off the southwestern coast of the state of Oregon. Chaff and flare can be dispensed in the airspace, with altitude restrictions on the use of flare below 5,000 feet above ground level. A portion of the Hart MOA is within Nevada.

The U.S. Air Force (Air Force) has prepared a Draft Environmental Assessment (EA) to evaluate the potential environmental impacts associated with the proposed Combat Air Forces contract ADAIR support at Kingsley ANGB, Oregon (see attached). The Draft EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and Air Force NEPA regulations.

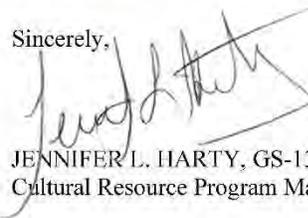
There are 83 NRHP-listed resources within the MOAs, including one structure, one archaeological site, and five buildings in California (Draft EA, Table 3-23). The remainder are in Oregon. NRHP-eligible properties are likely present within the MOAs also. The National Oceanic and Atmospheric Administration maintains a Wreck and Obstruction Database through

their Automated Wreck and Obstruction Information System (AWOIS). The AWOIS indicates there are as many as 25 uncharted wrecks and 4 visible wrecks within W-93.

No airspace modifications would be required for contract ADAIR as part of the Proposed Action, and sorties within the MOAs would be performed at an altitude that would not affect historic properties.

Because there is no ground disturbance associated with this action, and because sorties flown as a result of the action would have no effect on historic properties, the National Guard Bureau has reached a determination of *No Historic Properties Affected* for the proposed action at Kingsley Field ANGB. We respectfully request your concurrence with our determination. Please provide comments to Jennifer Harty, National Guard Bureau, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, by email at Jennifer.L.Harty@us.af.mil, or by phone at (240)612-8541.

Sincerely,



JENNIFER L. HARTY, GS-13, NGB
Cultural Resource Program Manager

Attachment

1. Draft EA



NATIONAL GUARD BUREAU
3501 FETCHET AVENUE
JOINT BASE ANDREWS 20762-5157

16 May 2019

Julianne Polanco, SHPO
Office of Historic Preservation
Department of Parks and Recreation
1725 23rd Street, Suite 100
Sacramento, CA 95816

Dear Ms. Polanco,

Several months ago, Mr. Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. Now, per 36 CFR 800.11(e), I would like to provide documentation of our finding of *No Historic Properties Affected* and respectfully request your concurrence with this determination.

The Proposed Action at Kingsley ANGB would include the establishment of an estimated 39 contracted maintainers and eight contracted pilots who would operate an estimated six contractor aircraft out of existing facilities. These pilots would fly an estimated 2,000 annual sorties to provide a simulated enemy opponent during training in support of the 173d Fighter Wing at Kingsley ANGB. Under the Proposed Action, training activities would utilize special use airspace near Kingsley ANGB (Draft EA, Figure 1-4). Special use airspace includes Military Operations Areas (MOAs), Air Traffic Control-Assigned Airspaces (ATCAAs), and offshore Warning Areas that provide airspace for military aircraft training and serve to warn nonparticipating aircraft of potential danger. Most flying will take place in the Juniper/Hart MOA Complex located about 80 miles east of Kingsley ANGB. The Juniper/Hart MOA Complex is comprised of several MOAs and ATCAAs. Other airspace available for use by contract ADAIR missions include Dolphin MOA located about 100 miles west of Kingsley ANGB and Goose MOA located 25 miles east of Kingsley ANGB. In addition, a small portion of sorties would occur in Warning Area 93 (W-93), located about 12 miles off the southwestern coast of the state of Oregon. Chaff and flare can be dispensed in the airspace, with altitude restrictions on the use of flare below 5,000 feet above ground level. Portions of the Hart, Goose and Dolphin MOAs are within California and part of Warning Area W-93 lays off the coast of California.

The U.S. Air Force (Air Force) has prepared a Draft Environmental Assessment (EA) to evaluate the potential environmental impacts associated with the proposed Combat Air Forces contract ADAIR support at Kingsley ANGB, Oregon (see attached). The Draft EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and Air Force NEPA regulations.

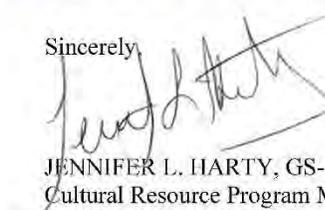
There are 83 NRHP-listed resources within the MOAs, including one structure, one archaeological site, and five buildings in California (Draft EA, Table 3-23). The remainder are in Oregon. NRHP-eligible properties are likely present within the MOAs also. The National Oceanic and Atmospheric Administration maintains a Wreck and Obstruction Database through their

Automated Wreck and Obstruction Information System (AWOIS). The AWOIS indicates there are as many as 25 uncharted wrecks and 4 visible wrecks within W-93.

No airspace modifications would be required for contract ADAIR as part of the Proposed Action, and sorties within the MOAs would be performed at an altitude that would not affect historic properties.

Because there is no ground disturbance associated with this action, and because sorties flown as a result of the action would have no effect on historic properties, the National Guard Bureau has reached a determination of *No Historic Properties Affected* for the proposed action at Kingsley Field ANGB. We respectfully request your concurrence with our determination. Please provide comments to Jennifer Harty, National Guard Bureau, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, by email at Jennifer.L.Harty@us.af.mil, or by phone at (240)612-8541.

Sincerely,



JENNIFER L. HARTY, GS-13, NGB
Cultural Resource Program Manager

Attachment

1. Draft EA



NATIONAL GUARD BUREAU
3501 FETCHET AVENUE
JOINT BASE ANDREWS 20762-5157

16 May 2019

Lisa Sumption, Director
State Historic Preservation Office
Oregon Parks and Recreation Department
725 Summer Street NE, Suite C
Salem, OR 97301

Dear Ms. Sumption,

Several months ago, Mr. Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. Now, per 36 CFR 800.11(e), I would like to provide documentation of our finding of *No Historic Properties Affected* and respectfully request your concurrence with this determination.

The U.S. Air Force (Air Force) has prepared a Draft Environmental Assessment (EA) to evaluate the potential environmental impacts associated with the proposed Combat Air Forces contract ADAIR support at Kingsley ANGB, Oregon (see attached). The Draft EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and Air Force NEPA regulations.

The Proposed Action at Kingsley ANGB would include the establishment of an estimated 39 contracted maintainers and eight contracted pilots who would operate an estimated six contractor aircraft out of existing facilities. These pilots would fly an estimated 2,000 annual sorties to provide a simulated enemy opponent during training in support of the 173d Fighter Wing at Kingsley ANGB. Under the Proposed Action, training activities would utilize special use airspace near Kingsley ANGB (Draft EA, Figure 1-4). Special use airspace includes Military Operations Areas (MOAs), Air Traffic Control-Assigned Airspaces (ATCAAs), and offshore Warning Areas that provide airspace for military aircraft training and serve to warn nonparticipating aircraft of potential danger. Most flying will take place in the Juniper/Hart MOA Complex located about 80 miles east of Kingsley ANGB. The Juniper/Hart MOA Complex is comprised of several MOAs and ATCAAs. Other airspace available for use by contract ADAIR missions include Dolphin MOA located about 100 miles west of Kingsley ANGB and Goose MOA located 25 miles east of Kingsley ANGB. In addition, a small portion of sorties would occur in Warning Area 93 (W-93), located about 12 miles off the southwestern coast of the state of Oregon. Chaff and flare can be dispensed in the airspace, with altitude restrictions on the use of flare below 5,000 feet above ground level.

Under the Proposed Action, training activities would utilize special use airspace proximate to Kingsley ANGB. Special use airspace includes MOAs, ATCAAs, and offshore Warning Areas that provide airspace for military aircraft training and serve to warn nonparticipating aircraft of potential danger. Most flying will take place in the Juniper/Hart MOA Complex located about 80

miles east of Kingsley ANGB. The Juniper/Hart MOA Complex is comprised of several MOAs and ATCAAs. Other airspace available for use by contract ADAIR missions include the Dolphin MOA located about 100 miles west of Kingsley ANGB and Goose MOA located 25 miles east of Kingsley ANGB. In addition, a small portion of sorties would occur in W-93, located about 12 miles off the southwestern coast of the state of Oregon.

Contractor ADAIR facilities may include the use of one or a combination of Buildings 404, 219, and 307. Building 404, constructed in 1992, is *not eligible* for inclusion in the National Register of Historic Places (NRHP) under Criterion Consideration G, and will not be subject to reevaluation until 2042. Building 219, a Hangar/Maintenance Shop from 1959, was determined *not eligible* for NRHP inclusion with concurrence by SHPO in 2011 (Case No. 10-1188).

Building 307, an Avionics Shop from 1957, was determined not eligible for inclusion in the NRHP in the ICRMP produced by NGB and finalized in 2012. At that time, the SHPO requested a reevaluation of Building 307. While Building 307 does retain aspects of integrity, it lacks characteristics that would make it eligible for listing in the NRHP. The building was a support facility and did not play a major role in the Cold War (or other) operations at the base. Building 307 lacks architectural significance or association with a known individual, and it is not likely to provide information pertinent to our understanding of local, regional, or national history. NGB, therefore, determines that Building 307 is *not eligible* for inclusion in the NRHP.

Kingsley ANGB has three alternatives for providing facilities for proposed contractor operations and maintenance. Under Alternative 1 operations activities would be in Building 404 while Aircraft Maintenance Unit (AMU) personnel would be in Building 307. Under Alternatives 1 and 2, aircraft would be parked on Delta Row, directly in front of Building 307. Covered aircraft maintenance spaces would be available in the Charlie Barns maintenance spaces in front of Building 307. Under Alternatives 2 and 3, operations would be accommodated in Building 219. Under Alternative 2 maintenance would be housed in Building 307. Under Alternative 3 maintenance would be consolidated with operations in Building 219. Under Alternative 3, aircraft would be parked at Bravo Row, in front of Building 219. Aircraft maintenance would be located with the AMU inside Building 219.

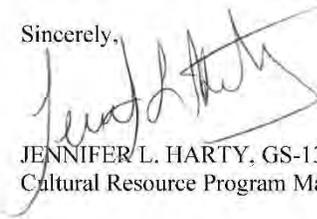
No exterior modifications or interior renovations to any facilities or ground-disturbing activities are proposed at Kingsley ANGB. Potential interior modifications would be minor (i.e., carpet, paint), and the defining characteristics of the building would not be adversely affected.

There are 83 NRHP-listed resources associated with the MOAs listed in the NRHP, including 24 structures (bridges, light houses, infrastructure features), 6 archaeological sites (townsites cemeteries, mining-related sites), and 53 buildings (homes, government buildings, churches, theaters) (Draft EA, Table 3-23). NRHP-eligible properties are likely present within the MOAs also. The National Oceanic and Atmospheric Administration maintains a Wreck and Obstruction Database through their Automated Wreck and Obstruction Information System (AWOIS). The AWOIS indicates there are as many as 25 uncharted wrecks and 4 visible wrecks within W-93.

No airspace modifications would be required for contract ADAIR as part of the Proposed Action, and sorties within the MOAs would be performed at an altitude that would not affect historic properties.

Because sorties flown as a result of the proposed action would not have an effect on historic properties, and because no ground disturbing activities would occur, the National Guard Bureau has reached a determination of No Historic Properties Affected for the proposed undertaking. We respectfully request your concurrence with our determination. Please provide comments to Jennifer Harty, National Guard Bureau, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, by email at Jennifer.L.Harty@us.af.mil, or by phone at (240)612-8541.

Sincerely,



JENNIFER L. HARTY, GS-13, NGB
Cultural Resource Program Manager

Attachment

1. Draft EA



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Paul Souza
U.S. Fish and Wildlife Service
Pacific Southwest Region
2800 Cottage Way
Sacramento, CA 95825

Dear Mr. Souza:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

Executive Order 12372, *Intergovernmental Review of Federal Programs*, requires federal agencies to solicit other federal agency participation in the NEPA process. Accordingly, I am requesting your participation in the review and comment process. Copies of the Draft EA and the proposed Finding of Significant Impact (FONSI) are available at <https://www.173fw.ang.af.mil/About-Us/>.

If, after review of the Draft EA and proposed FONSI, you have additional information regarding impacts of the Proposed Action on the environment of which we are unaware, we would appreciate receiving such information for inclusion and consideration during the NEPA process. Please respond within 30 days of the date of this letter to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls, Oregon 97603, or via email to Joseph.a.young32.mil@mail.mil. Thank you for your assistance.

Sincerely,

Joseph A Young
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Robyn Thorson
U.S. Fish and Wildlife Service
Pacific Region
911 NE 11th Avenue
Portland, OR 97232

Dear Ms. Thorson:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,

Joseph A Young
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Board of Trustees Chairman Gary Burke
Confederated Tribes of the Umatilla Indian Reservation
46411 Timine Way
Pendleton, OR 97801

Dear Chairman Burke

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Confederated Tribes of the Umatilla Indian Reservation to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Confederated Tribes of the Umatilla Indian Reservation has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

Enclosed with this letter, please find a DVD with a digital version of the draft Environmental Assessment (EA) which provides documentation of our preliminary finding of *No Historic Properties Affected*, maps of the areas of potential effects (APE), and a hard copy of Table 3-23 from the Draft EA that provides an overview of National Register of Historic Places (NRHP) listed properties. We hope these materials will be useful in your identification efforts.

Under our Proposed Action at Kingsley ANGB, the U.S. Air Force (USAF) would contract an estimated 8 pilots and 39 maintainers who would operate an estimated six contractor fighter aircraft out of existing facilities on the installation. These pilots would fly an estimated 2,000 annual sorties to provide a simulated enemy opponent during training in support of the 173d Fighter Wing at Kingsley ANGB. Under the Proposed Action, training activities would utilize special use airspace proximate to Kingsley ANGB. Special use airspace includes MOAs, Air Traffic Control-Assigned Airspaces (ATCAAs), and offshore Warning Areas that provide airspace for military aircraft training and serve to warn non-participating aircraft of potential danger.

Most flying would take place in the Juniper/Hart MOA Complex, located approximately 80 miles east of Kingsley ANGB. The Juniper/Hart MOA Complex is composed of several MOAs and ATCAAs. Other airspace available for use by contract ADAIR missions include the Dolphin MOA, located about 100 miles west of Kingsley ANGB, and Goose MOA, located 25 miles east of Kingsley ANGB. In addition, a small portion of sorties would occur in Warning Area 93 (W-93), located approximately 12 miles off the southwestern coast of the state of Oregon. Chaff and flare can be dispensed in the airspace, with altitude restrictions on the use of flare below 5,000 feet above ground level.

Contractor ADAIR facilities may include the use of one or a combination of Buildings 404, 219, and 307. No exterior modifications to any facilities or ground-disturbing activities are proposed. None of the buildings that will be used for the Proposed Action are included in the NRHP. Potential interior modifications would be minor (i.e., carpet, paint) and the defining characteristics of the building, namely the exterior facades displaying aspects of the Art Moderne and International architectural styles, would not be impacted. There are 83 historic properties associated with the MOAs listed in the NRHP, including 24 structures (bridges, light houses, infrastructure features), 6 archaeological sites (townsites cemeteries, mining-related sites), and 53 buildings (homes, government buildings, churches, theaters) (Draft Environmental Assessment, Table 3-23). Scores of prehistoric and historic period sites that are NRHP-eligible are also present under the MOAs; however, they would not be impacted by the Proposed Action. The National Oceanic and Atmospheric Administration maintains a Wreck and Obstruction Database through their Automated Wreck and Obstruction Information System (AWOIS). The AWOIS indicates there are as many as 25 uncharted wrecks and 4 visible wrecks within W-93. No airspace modifications would be required for contract ADAIR as part of the Proposed Action, and sorties within the MOAs would be performed at an altitude that would not affect historic properties.

Please let us know if the Confederated Tribes of the Umatilla Indian Reservation has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

Sincerely,


JEFFREY S. SMITH, Colonel, ORANG
Commander

Attachment:
Proposed Action Area Maps
Draft Environmental Assessment, Table 3-23

Enc: DVD



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairman Wendy Del Rosa
Alturas Indian Rancheria, California
P.O. Box 340
Alturas, CA 96101

Dear Chairman Del Rosa

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Alturas Indian Rancheria, California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Alturas Indian Rancheria, California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

Enclosed with this letter, please find a DVD with a digital version of the draft Environmental Assessment (EA) which provides documentation of our preliminary finding of *No Historic Properties Affected*, maps of the areas of potential effects (APE), and a hard copy of Table 3-23 from the Draft EA that provides an overview of National Register of Historic Places (NRHP) listed properties. We hope these materials will be useful in your identification efforts.

Under our Proposed Action at Kingsley ANGB, the U.S. Air Force (USAF) would contract an estimated 8 pilots and 39 maintainers who would operate an estimated six contractor fighter aircraft out of existing facilities on the installation. These pilots would fly an estimated 2,000 annual sorties to provide a simulated enemy opponent during training in support of the 173d Fighter Wing at Kingsley ANGB. Under the Proposed Action, training activities would utilize special use airspace proximate to Kingsley ANGB. Special use airspace includes MOAs, Air Traffic Control-Assigned Airspaces (ATCAAs), and offshore Warning Areas that provide airspace for military aircraft training and serve to warn non-participating aircraft of potential danger.

Most flying would take place in the Juniper/Hart MOA Complex, located approximately 80 miles east of Kingsley ANGB. The Juniper/Hart MOA Complex is composed of several MOAs and ATCAAs. Other airspace available for use by contract ADAIR missions include the Dolphin MOA, located about 100 miles west of Kingsley ANGB, and Goose MOA, located 25 miles east of Kingsley ANGB. In addition, a small portion of sorties would occur in Warning Area 93 (W-93), located approximately 12 miles off the southwestern coast of the state of Oregon. Chaff and flare can be dispensed in the airspace, with altitude restrictions on the use of flare below 5,000 feet above ground level.

Contractor ADAIR facilities may include the use of one or a combination of Buildings 404, 219, and 307. No exterior modifications to any facilities or ground-disturbing activities are proposed. None of the buildings that will be used for the Proposed Action are included in the NRHP. Potential interior modifications would be minor (i.e., carpet, paint) and the defining characteristics of the building, namely the exterior facades displaying aspects of the Art Moderne and International architectural styles, would not be impacted. There are 83 historic properties associated with the MOAs listed in the NRHP, including 24 structures (bridges, light houses, infrastructure features), 6 archaeological sites (townsites cemeteries, mining-related sites), and 53 buildings (homes, government buildings, churches, theaters) (Draft Environmental Assessment, Table 3-23). Scores of prehistoric and historic period sites that are NRHP-eligible are also present under the MOAs; however, they would not be impacted by the Proposed Action. The National Oceanic and Atmospheric Administration maintains a Wreck and Obstruction Database through their Automated Wreck and Obstruction Information System (AWOIS). The AWOIS indicates there are as many as 25 uncharted wrecks and 4 visible wrecks within W-93. No airspace modifications would be required for contract ADAIR as part of the Proposed Action, and sorties within the MOAs would be performed at an altitude that would not affect historic properties.

Please let us know if the Alturas Indian Rancheria, California has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

Sincerely


JEFFREY S. SMITH, Colonel, ORANG
Commander

Attachment:
Proposed Action Area Maps
Draft Environmental Assessment, Table 3-23

Enc: DVD



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairman Harold Bennett
Quartz Valley Indian Community of the Quartz Valley Reservation of California
13601 Quartz Valley Road
Fort Jones, CA 96032

Dear Chairman Bennett

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Quartz Valley Indian Community of the Quartz Valley Reservation of California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Quartz Valley Indian Community of the Quartz Valley Reservation of California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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Most flying would take place in the Juniper/Hart MOA Complex, located approximately 80 miles east of Kingsley ANGB. The Juniper/Hart MOA Complex is composed of several MOAs and ATCAAs. Other airspace available for use by contract ADAIR missions include the Dolphin MOA, located about 100 miles west of Kingsley ANGB, and Goose MOA, located 25 miles east of Kingsley ANGB. In addition, a small portion of sorties would occur in Warning Area 93 (W-93), located approximately 12 miles off the southwestern coast of the state of

Oregon. Chaff and flare can be dispensed in the airspace, with altitude restrictions on the use of flare below 5,000 feet above ground level.

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Please let us know if the Quartz Valley Indian Community of the Quartz Valley Reservation of California has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

Sincerely


JEFFREY S. SMITH, Colonel, ORANG
Commander

Attachment:
Proposed Action Area Maps
Draft Environmental Assessment, Table 3-23

Enc: DVD



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairman Rick Dowd
Resighini Rancheria, California
PO Box 529
Klamath, CA 95548-0529

Dear Chairman Dowd

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Resighini Rancheria, California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Resighini Rancheria, California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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Please let us know if the Resighini Rancheria, California has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairman Thomas Wasson
Winnemucca Indian Colony of Nevada
200 South Virginia Street, 8th Floor
Winnemucca, NV 89501

Dear Chairman Wasson

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Winnemucca Indian Colony of Nevada to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Winnemucca Indian Colony of Nevada has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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Please let us know if the Winnemucca Indian Colony of Nevada has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairman Dan Courtney
Cow Creek Band of Umpqua Tribe of Indians
2371 NE Stephens Street
Roseburg, OR 97470

Dear Chairman Courtney

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Cow Creek Band of Umpqua Tribe of Indians to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Cow Creek Band of Umpqua Tribe of Indians has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairman/Administrator Tildon Smart
Fort McDermitt Paiute and Shoshone Tribes of the Fort McDermitt Indian Reservation, Nevada
and Oregon
PO Box 457
McDermitt, NV 89421-0457

Dear Chairman/Administrator Smart

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Fort McDermitt Paiute and Shoshone Tribes of the Fort McDermitt Indian Reservation, Nevada and Oregon to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Fort McDermitt Paiute and Shoshone Tribes of the Fort McDermitt Indian Reservation, Nevada and Oregon has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson William Sand
Bear River Band of the Rohnerville Rancheria, California
266 Keisner Road
Loleta, CA 95551-9707

Dear Chairperson Sand

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Bear River Band of the Rohnerville Rancheria, California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Bear River Band of the Rohnerville Rancheria, California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Melissa Davis
Cedarville Rancheria, California
300 West 1st Street
Alturas, CA 96101-3905

Dear Chairperson Davis

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Cedarville Rancheria, California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Cedarville Rancheria, California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Garth Sundberg
Cher-Ae Heights Indian Community of the Trinidad Rancheria, California
PO Box 630
Trinidad, CA 95570-0630

Dear Chairperson Sundberg

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Cher-Ae Heights Indian Community of the Trinidad Rancheria, California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Cher-Ae Heights Indian Community of the Trinidad Rancheria, California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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Most flying would take place in the Juniper/Hart MOA Complex, located approximately 80 miles east of Kingsley ANGB. The Juniper/Hart MOA Complex is composed of several MOAs and ATCAAs. Other airspace available for use by contract ADAIR missions include the Dolphin MOA, located about 100 miles west of Kingsley ANGB, and Goose MOA, located 25 miles east of Kingsley ANGB. In addition, a small portion of sorties would occur in Warning Area 93 (W-93), located approximately 12 miles off the southwestern coast of the state of

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Please let us know if the Cher-Ae Heights Indian Community of the Trinidad Rancheria, California has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

Sincerely


JEFFREY S. SMITH, Colonel, ORANG
Commander

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Proposed Action Area Maps
Draft Environmental Assessment, Table 3-23

Enc: DVD



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Dale Miller
Elk Valley Rancheria, California
2332 Howland Hill Road
Crescent City, CA 95531

Dear Chairperson Miller

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Elk Valley Rancheria, California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Elk Valley Rancheria, California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Bernold Pollard
Fort Bidwell Indian Community of the Fort Bidwell Reservation of California
PO Box 129
Fort Bidwell, CA 96112-0129

Dear Chairperson Pollard

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Fort Bidwell Indian Community of the Fort Bidwell Reservation of California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Fort Bidwell Indian Community of the Fort Bidwell Reservation of California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Danielle Vigil-Masten
Hoopa Valley Tribe, California
PO Box 1348
Hoopa, CA 95546-1348

Dear Chairperson Vigil-Masten

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Hoopa Valley Tribe, California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Hoopa Valley Tribe, California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Russell Attebery
Karuk Tribe
PO Box 1016
Happy Camp, CA 96039-1016

Dear Chairperson Attebery

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Karuk Tribe to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Karuk Tribe has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Mickey Gemmil
Pit River Tribe, California
36970 Park Avenue
Burney, CA 96013

Dear Chairperson Gemmil

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Pit River Tribe, California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Pit River Tribe, California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Kara Brundin-Miller
Smith River Rancheria, California
140 Rowdy Creek Road
Smith River, CA 95567-9446

Dear Chairperson Brundin-Miller

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Smith River Rancheria, California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Smith River Rancheria, California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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Please let us know if the Smith River Rancheria, California has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

Sincerely


JEFFREY S. SMITH, Colonel, ORANG
Commander

Attachment:
Proposed Action Area Maps
Draft Environmental Assessment, Table 3-23

Enc: DVD



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Stacy Dixon
Susanville Indian Rancheria, California
745 Joaquin Street
Susanville, CA 96130-3628

Dear Chairperson Dixon

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Susanville Indian Rancheria, California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Susanville Indian Rancheria, California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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Please let us know if the Susanville Indian Rancheria, California has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Ted Hernandez
Wiyot Tribe, California
1000 Wiyot Drive
Loleta, CA 95551

Dear Chairperson Hernandez

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Wiyot Tribe, California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Wiyot Tribe, California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Thomas ONULLRourke
Yurok Tribe of the Yurok Reservation, California
PO Box 1027
Klamath, CA 95548-1027

Dear Chairperson ONULLRourke

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Yurok Tribe of the Yurok Reservation, California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Yurok Tribe of the Yurok Reservation, California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Len George
Paiute-Shoshone Tribe of the Fallon Reservation and Colony, Nevada
565 Rio Vista Drive
Fallon, NV 89406-6415

Dear Chairperson George

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Paiute-Shoshone Tribe of the Fallon Reservation and Colony, Nevada to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Paiute-Shoshone Tribe of the Fallon Reservation and Colony, Nevada has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Vinton Hawley
Pyramid Lake Paiute Tribe of the Pyramid Lake Reservation, Nevada
PO Box 256
Nixon, NV 89424-0256

Dear Chairperson Hawley

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Pyramid Lake Paiute Tribe of the Pyramid Lake Reservation, Nevada to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Pyramid Lake Paiute Tribe of the Pyramid Lake Reservation, Nevada has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Arlan Melendez
Reno-Sparks Indian Colony, Nevada
98 Colony Road
Reno, NV 89502

Dear Chairperson Melendez

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Reno-Sparks Indian Colony, Nevada to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Reno-Sparks Indian Colony, Nevada has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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KINGSLEY FIELD OREGON

7 June 2019

Chairperson Randi DeSoto
Summit Lake Paiute Tribe of Nevada
1001 Rock Blvd.
Sparks, NV 89431-4337

Dear Chairperson DeSoto

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Summit Lake Paiute Tribe of Nevada to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Summit Lake Paiute Tribe of Nevada has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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Under our Proposed Action at Kingsley ANGB, the U.S. Air Force (USAF) would contract an estimated 8 pilots and 39 maintainers who would operate an estimated six contractor fighter aircraft out of existing facilities on the installation. These pilots would fly an estimated 2,000 annual sorties to provide a simulated enemy opponent during training in support of the 173d Fighter Wing at Kingsley ANGB. Under the Proposed Action, training activities would utilize special use airspace proximate to Kingsley ANGB. Special use airspace includes MOAs, Air Traffic Control-Assigned Airspaces (ATCAAs), and offshore Warning Areas that provide airspace for military aircraft training and serve to warn non-participating aircraft of potential danger.

Most flying would take place in the Juniper/Hart MOA Complex, located approximately 80 miles east of Kingsley ANGB. The Juniper/Hart MOA Complex is composed of several MOAs and ATCAAs. Other airspace available for use by contract ADAIR missions include the Dolphin MOA, located about 100 miles west of Kingsley ANGB, and Goose MOA, located 25 miles east of Kingsley ANGB. In addition, a small portion of sorties would occur in Warning Area 93 (W-93), located approximately 12 miles off the southwestern coast of the state of Oregon. Chaff and flare can be dispensed in the airspace, with altitude restrictions on the use of flare below 5,000 feet above ground level.

Contractor ADAIR facilities may include the use of one or a combination of Buildings 404, 219, and 307. No exterior modifications to any facilities or ground-disturbing activities are proposed. None of the buildings that will be used for the Proposed Action are included in the NRHP. Potential interior modifications would be minor (i.e., carpet, paint) and the defining characteristics of the building, namely the exterior facades displaying aspects of the Art Moderne and International architectural styles, would not be impacted. There are 83 historic properties associated with the MOAs listed in the NRHP, including 24 structures (bridges, light houses, infrastructure features), 6 archaeological sites (townsites cemeteries, mining-related sites), and 53 buildings (homes, government buildings, churches, theaters) (Draft Environmental Assessment, Table 3-23). Scores of prehistoric and historic period sites that are NRHP-eligible are also present under the MOAs; however, they would not be impacted by the Proposed Action. The National Oceanic and Atmospheric Administration maintains a Wreck and Obstruction Database through their Automated Wreck and Obstruction Information System (AWOIS). The AWOIS indicates there are as many as 25 uncharted wrecks and 4 visible wrecks within W-93. No airspace modifications would be required for contract ADAIR as part of the Proposed Action, and sorties within the MOAs would be performed at an altitude that would not affect historic properties.

Please let us know if the Summit Lake Paiute Tribe of Nevada has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

Sincerely


JEFFREY S. SMITH, Colonel, ORANG
Commander

Attachment:
Proposed Action Area Maps
Draft Environmental Assessment, Table 3-23

Enc: DVD



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Davis Gonzales
Te-Moak Tribe of Western Shoshone Indians of Nevada
525 Sunset Street
Elko, NV 89801

Dear Chairperson Gonzales

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Te-Moak Tribe of Western Shoshone Indians of Nevada to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Te-Moak Tribe of Western Shoshone Indians of Nevada has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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Please let us know if the Te-Moak Tribe of Western Shoshone Indians of Nevada has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Bobby Sanchez
Walker River Paiute Tribe of the Walker River Reservation, Nevada
PO Box 220
Schurz, NV 89427-0220

Dear Chairperson Sanchez:

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Walker River Paiute Tribe of the Walker River Reservation, Nevada to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Walker River Paiute Tribe of the Walker River Reservation, Nevada has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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Please let us know if the Walker River Paiute Tribe of the Walker River Reservation, Nevada has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Neil Mortimer
Washoe Tribe of Nevada and California
919 Highway 395 South
Gardnerville, NV 89410

Dear Chairperson Mortimer

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Washoe Tribe of Nevada and California to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Washoe Tribe of Nevada and California has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Linda Howard
Yerington Paiute Tribe of the Yerington Colony & Campbell Ranch, Nevada
171 Campbell Lane
Yerington, NV 89447

Dear Chairperson Howard

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Yerington Paiute Tribe of the Yerington Colony & Campbell Ranch, Nevada to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Yerington Paiute Tribe of the Yerington Colony & Campbell Ranch, Nevada has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chairperson Lindsey Manning
Shoshone-Paiute Tribes of the Duck Valley Reservation, Nevada
PO Box 219
Owyhee, NV 89832-0219

Dear Chairperson Manning

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Shoshone-Paiute Tribes of the Duck Valley Reservation, Nevada to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Shoshone-Paiute Tribes of the Duck Valley Reservation, Nevada has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Tribal Chairman Blaine Edmo
Shoshone-Bannock Tribes of the Fort Hall Reservation
PO Box 306
Fort Hall, ID 83203

Dear Chairman Edmo

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Shoshone-Bannock Tribes of the Fort Hall Reservation to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Shoshone-Bannock Tribes of the Fort Hall Reservation has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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Please let us know if the Shoshone-Bannock Tribes of the Fort Hall Reservation has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

Sincerely


JEFFREY S. SMITH, Colonel, ORANG
Commander

Attachment:
Proposed Action Area Maps
Draft Environmental Assessment, Table 3-23

Enc: DVD



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Tribal Chairman Reynold Leno
Confederated Tribes of the Grand Ronde Community of Oregon
9615 Grand Ronde Road
Grand Ronde, OR 97347

Dear Chairman Leno

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Confederated Tribes of the Grand Ronde Community of Oregon to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Confederated Tribes of the Grand Ronde Community of Oregon has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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Please let us know if the Confederated Tribes of the Grand Ronde Community of Oregon has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Tribal Chairman Austin Greene
Confederated Tribes of the Warm Springs Reservation of Oregon
PO Box C
Warm Springs, OR 97761

Dear Chairman Greene

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Confederated Tribes of the Warm Springs Reservation of Oregon to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Confederated Tribes of the Warm Springs Reservation of Oregon has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Tribal Chairman Donald Gentry
Klamath Tribes
PO Box 436
Chiloquin, OR 97624

Dear Chairman Gentry

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Klamath Tribes to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Klamath Tribes has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Tribal Chairman Mark Ingersoll
Confederated Tribes of the Coos, Lower Umpqua and Siuslaw Indians
1245 Fulton Avenue
Coos Bay, OR 97420

Dear Chairman Ingersoll

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Confederated Tribes of the Coos, Lower Umpqua and Siuslaw Indians to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Confederated Tribes of the Coos, Lower Umpqua and Siuslaw Indians has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Tribal Chairperson Delores Pigsley
Confederated Tribes of Siletz Indians of Oregon
PO Box 549
Siletz, OR 97380

Dear Chairperson Pigsley,

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Confederated Tribes of Siletz Indians of Oregon to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Confederated Tribes of Siletz Indians of Oregon has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Tribal Chairwoman Charlotte Roderique
Burns Paiute Tribe
100 Pasigo Street
Burns, OR 97720-2442

Dear Chairwoman Roderique

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Burns Paiute Tribe to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Burns Paiute Tribe has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

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DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Tribal Chairwoman Brenda Meade
Coquille Indian Tribe
3050 Tremont St.
North Bend, OR 97459

Dear Chairwoman Meade

In August of 2018, Captain Joseph Young (Environmental Engineer, 173d Civil Engineer Squadron) sent you a letter briefly describing the Air Force's proposal to establish an "Adversary Air" (ADAIR) operation at Kingsley Air National Guard Base (ANGB). I hope you or your staff have had the opportunity to review the summary of the Description of Proposed Action and Alternatives (DOPAA) that he provided. At that time, we also invited the Coquille Indian Tribe to engage in government-to-government consultation with Kingsley ANGB on the proposed action and to provide information regarding sites of historical, religious, or cultural significance that may be affected by the Proposed Action. I understand that, to date, the Coquille Indian Tribe has not identified any properties of religious or cultural significance on Kingsley ANGB. We would like to invite you to also identify any such properties on the airfield or under the affected Military Operations Areas (MOAs) that may be affected by our Proposed Action.

Enclosed with this letter, please find a DVD with a digital version of the draft Environmental Assessment (EA) which provides documentation of our preliminary finding of *No Historic Properties Affected*, maps of the areas of potential effects (APE), and a hard copy of Table 3-23 from the Draft EA that provides an overview of National Register of Historic Places (NRHP) listed properties. We hope these materials will be useful in your identification efforts.

Under our Proposed Action at Kingsley ANGB, the U.S. Air Force (USAF) would contract an estimated 8 pilots and 39 maintainers who would operate an estimated six contractor fighter aircraft out of existing facilities on the installation. These pilots would fly an estimated 2,000 annual sorties to provide a simulated enemy opponent during training in support of the 173d Fighter Wing at Kingsley ANGB. Under the Proposed Action, training activities would utilize special use airspace proximate to Kingsley ANGB. Special use airspace includes MOAs, Air Traffic Control-Assigned Airspaces (ATCAAs), and offshore Warning Areas that provide airspace for military aircraft training and serve to warn non-participating aircraft of potential danger.

Most flying would take place in the Juniper/Hart MOA Complex, located approximately 80 miles east of Kingsley ANGB. The Juniper/Hart MOA Complex is composed of several MOAs and ATCAAs. Other airspace available for use by contract ADAIR missions include the Dolphin MOA, located about 100 miles west of Kingsley ANGB, and Goose MOA, located 25 miles east of Kingsley ANGB. In addition, a small portion of sorties would occur in Warning Area 93 (W-93), located approximately 12 miles off the southwestern coast of the state of Oregon. Chaff and flare can be dispensed in the airspace, with altitude restrictions on the use of flare below 5,000 feet above ground level.

Contractor ADAIR facilities may include the use of one or a combination of Buildings 404, 219, and 307. No exterior modifications to any facilities or ground-disturbing activities are proposed. None of the buildings that will be used for the Proposed Action are included in the NRHP. Potential interior modifications would be minor (i.e., carpet, paint) and the defining characteristics of the building, namely the exterior facades displaying aspects of the Art Moderne and International architectural styles, would not be impacted. There are 83 historic properties associated with the MOAs listed in the NRHP, including 24 structures (bridges, light houses, infrastructure features), 6 archaeological sites (townsites cemeteries, mining-related sites), and 53 buildings (homes, government buildings, churches, theaters) (Draft Environmental Assessment, Table 3-23). Scores of prehistoric and historic period sites that are NRHP-eligible are also present under the MOAs; however, they would not be impacted by the Proposed Action. The National Oceanic and Atmospheric Administration maintains a Wreck and Obstruction Database through their Automated Wreck and Obstruction Information System (AWOIS). The AWOIS indicates there are as many as 25 uncharted wrecks and 4 visible wrecks within W-93. No airspace modifications would be required for contract ADAIR as part of the Proposed Action, and sorties within the MOAs would be performed at an altitude that would not affect historic properties.

Please let us know if the Coquille Indian Tribe has any Traditional Cultural Properties or other religious or cultural properties that may be adversely affected by the proposed action. To ensure that we are able to address any concerns in a timely manner, please provide feedback within 30 days of the date of this letter. Please provide information, comments, or requests for additional information to Jennifer L. Harty, Cultural Resources Program Manager, Air National Guard Readiness Center, 3501 Fetchet Avenue, Joint Base Andrews, MD 20762, or by phone at (240) 612-8541 or via email Jennifer.L.Harty@us.af.mil. Thank you in advance for your consideration.

Sincerely


JEFFREY S. SMITH, Colonel, ORANG
Commander

Attachment:
Proposed Action Area Maps
Draft Environmental Assessment, Table 3-23

Enc: DVD

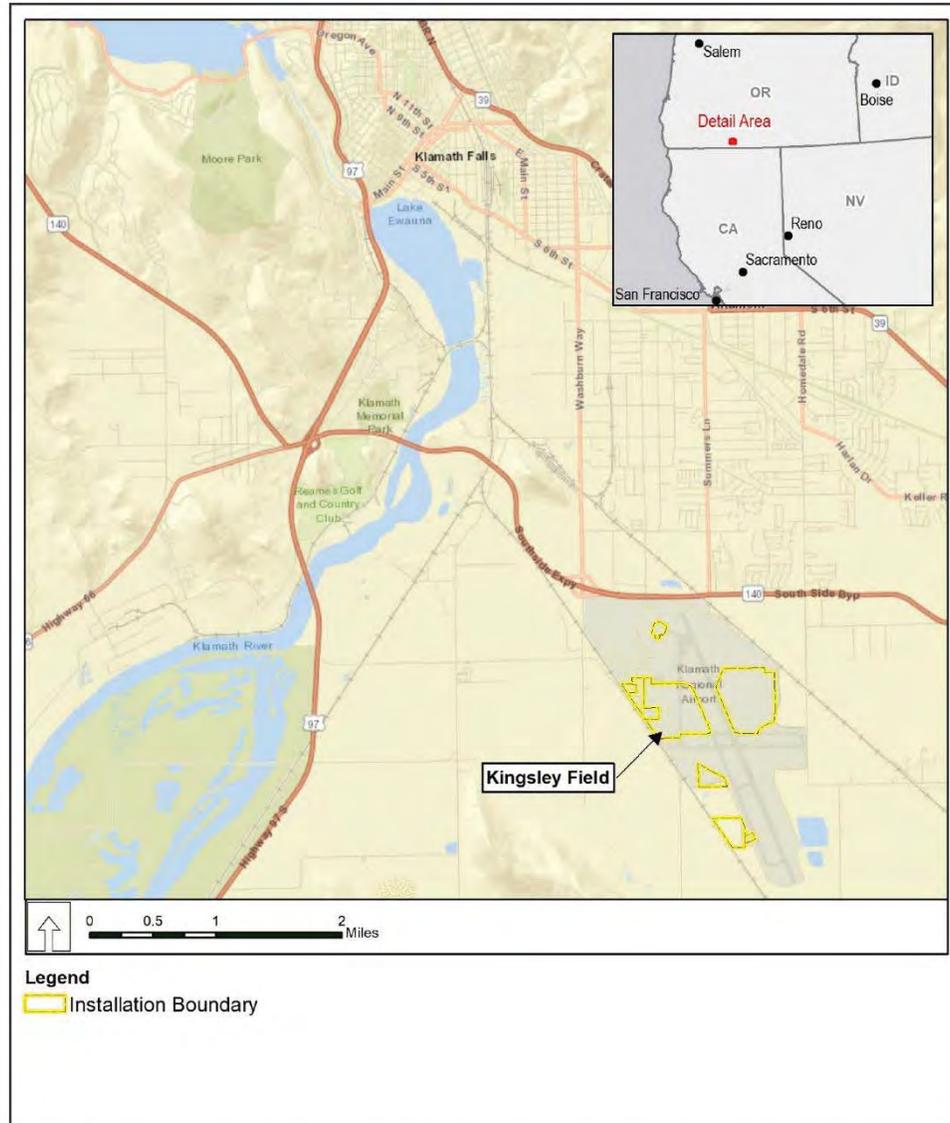


Figure 1. Location of Kingsley Field Air National Guard Base (Regional View).

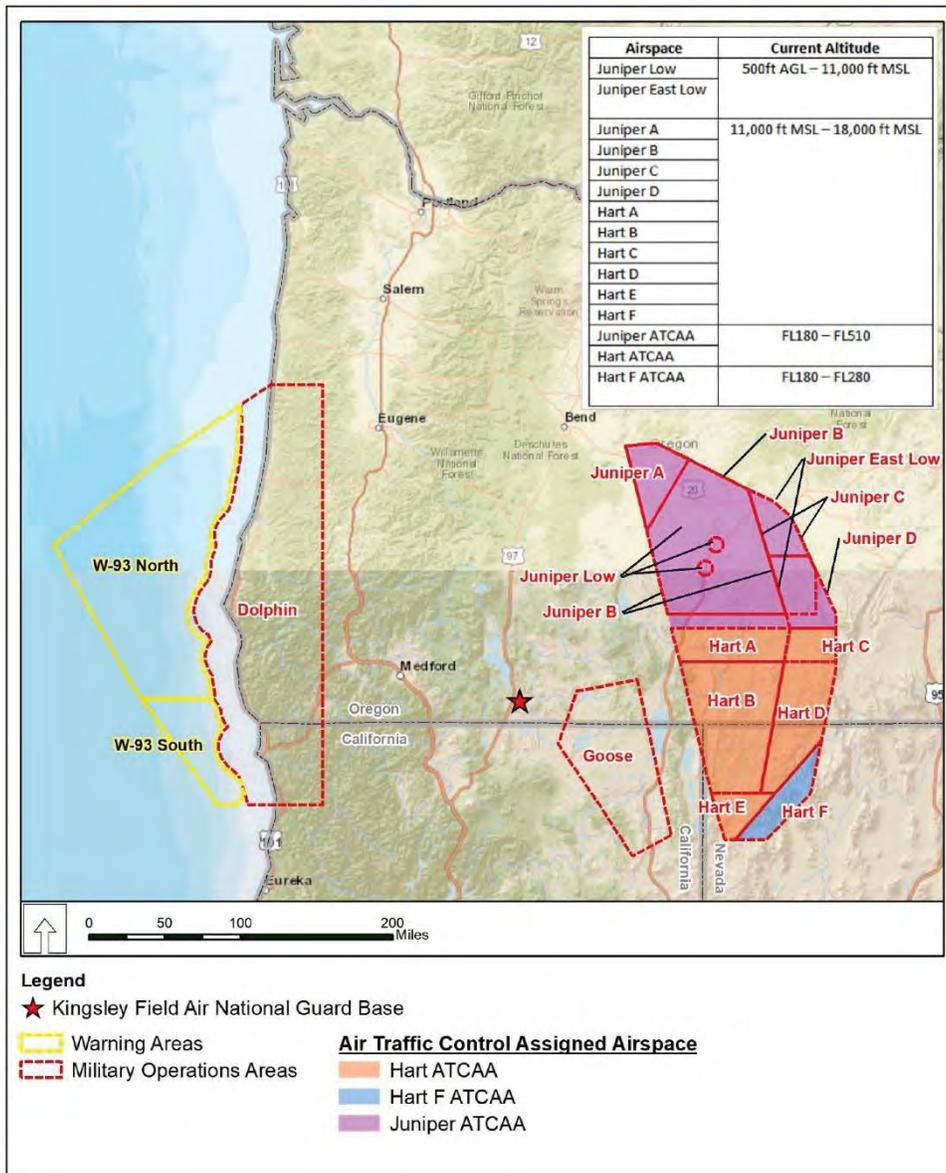


Figure 2. Special Use Airspace Proposed for Contract Adversary Air Sorties.

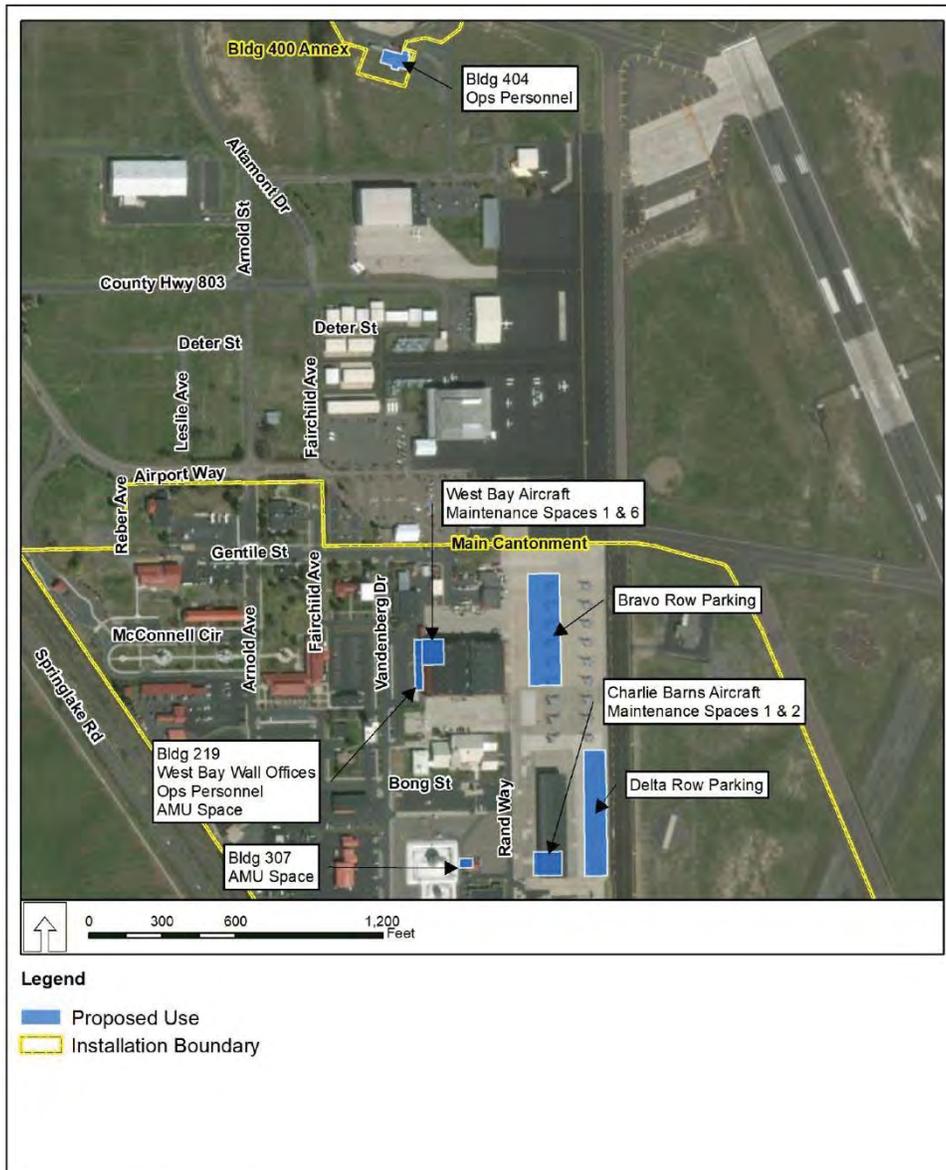


Figure 3. Proposed Locations for Contract Adversary Air Operations and Maintenance Facilities

Table 3-23
National Register of Historic Places Listed Resources Under the Airspace¹

Military Operating Area	Resource	Type	Reference No.	State
Dolphin North/South	Sandy Creek Bridge	Structure	79002051	OREGON
Dolphin North/South	Lake Creek Bridge	Structure	79002091	OREGON
Dolphin North/South	Deadwood Creek Bridge	Structure	79002099	OREGON
Dolphin North/South	North Fork of the Yachats Bridge	Structure	79002108	OREGON
Dolphin North/South	Fisher School Bridge	Structure	79002105	OREGON
Dolphin North/South	Umpqua River Light House	Structure	77001100	OREGON
Dolphin North/South	Wildeat Creek Bridge	Structure	79002089	OREGON
Dolphin North/South	Hume, Mary D.	Structure	79002052	OREGON
Dolphin North/South	St. George Reef Light Station	Structure	93001373	CALIFORNIA
Dolphin North/South	Osgood Ditch	Structure	01001151	OREGON
Dolphin North/South	Osgood Ditch	Structure	01001151	OREGON
Dolphin North/South	Logan Wash Ditch	Structure	01001153	OREGON
Dolphin North/South	Logan Wash Ditch	Structure	01001153	OREGON
Dolphin North/South	Logan Cut	Structure	01001154	OREGON
Dolphin North/South	Logan Cut	Structure	01001154	OREGON
Dolphin North/South	Logan Drain Ditches	Structure	01001155	OREGON
Dolphin North/South	Logan Drain Ditches	Structure	01001155	OREGON
Dolphin North/South	Rogue River Bridge No. 01172	Structure	05000814	OREGON
Dolphin North/South	Umpqua River Bridge No. 01822	Structure	05000815	OREGON
Dolphin North/South	Siuslaw River Bridge No. 01821	Structure	05000816	OREGON
Dolphin North/South	Coos Bay Bridge NO. 01823	Structure	05000817	OREGON
Dolphin North/South	Ten Mile Creek Bridge No. 01181	Structure	05000818	OREGON
Dolphin North/South	Big Creek Bridge No. 01180	Structure	05000819	OREGON
Dolphin North/South	Cape Creek Bridge No. 01113	Structure	05000820	OREGON
Dolphin North/South	Allen Gulch Townsite	Site	01001136	OREGON
Dolphin North/South	Allen Gulch Townsite	Site	01001136	OREGON
Dolphin North/South	St. Patrick's Roman Catholic Cemetery	Site	01001137	OREGON
Dolphin North/South	Cameron Mine	Site	01001144	OREGON
Dolphin North/South	Wheeler Ridge Japanese Bombing Site	Site	06000589	OREGON
Dolphin North/South	Brother Jonathan (Shipwreck Site)	Site	02000535	CALIFORNIA
Dolphin North/South	Marshfield Elks Temple	Building	83002146	OREGON
Dolphin North/South	Paulson, John E. and Christina, House	Building	83002147	OREGON
Dolphin North/South	Coquille River Life Boat Station	Building	84002969	OREGON
Dolphin North/South	Tower-Flanagan House	Building	84002976	OREGON
Dolphin North/South	Coos Bay Carnegie Library	Building	86000297	OREGON
Dolphin North/South	Chandler Hotel and Annex	Building	84002966	OREGON
Dolphin North/South	Myrtle Arms Apartment Building	Building	85003478	OREGON
Dolphin North/South	Store Gulch Guard Station No. 1020	Building	86000838	OREGON
Dolphin North/South	Whisky Creek Cabin	Building	75001584	OREGON
Dolphin North/South	Coquille River Light	Building	74001682	OREGON
Dolphin North/South	Heceta Head Lighthouse and Keepers Quarters	Building	78002296	OREGON
Dolphin North/South	Kyle, William, and Sons, Building	Building	81000499	OREGON
Dolphin North/South	Central Building	Building	80003309	OREGON

Military Operating Area	Resource	Type	Reference No.	State
Dolphin North/South	Marshfield Sun Printing Plant	Building	73001574	OREGON
Dolphin North/South	Reorganized Church of Latter Day Saints	Building	79002050	OREGON
Dolphin North/South	Hughes, Patrick, House	Building	80003310	OREGON
Dolphin North/South	Brown, Henry, House	Building	79002057	OREGON
Dolphin North/South	Benedict, Edwin E., House	Building	79002090	OREGON
Dolphin North/South	Olsson, Captain Bror W., House	Building	86002905	OREGON
Dolphin North/South	Nasburg--Lockhart House	Building	85003038	OREGON
Dolphin North/South	Abernethy, Edwin and Ethel, House	Building	88001532	OREGON
Dolphin North/South	Gold Beach Ranger Station	Building	86000818	OREGON
Dolphin North/South	Tower, Maj. Morton, House	Building	85003453	OREGON
Dolphin North/South	Tribal Hall of the Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians	Building	89000202	OREGON
Dolphin North/South	Coos Bay National Bank Building	Building	89001868	OREGON
Dolphin North/South	Coke, J. S., Building	Building	91000048	OREGON
Dolphin North/South	Black, A. H. and Company, Building	Building	90001586	OREGON
Dolphin North/South	US Coast Guard Station--Umpqua River, Administration and Equipment Buildings	Building	92000662	OREGON
Dolphin North/South	Hub Department Store Building	Building	92001307	OREGON
Dolphin North/South	Breuer Building	Building	92001308	OREGON
Dolphin North/South	Sherwood, A. J., House	Building	92001314	OREGON
Dolphin North/South	Harlocker, Judge Lintner, House	Building	92001315	OREGON
Dolphin North/South	St. James Episcopal Church	Building	92001316	OREGON
Dolphin North/South	Cary, Leo J., House	Building	92001317	OREGON
Dolphin North/South	Coquille City Hall	Building	92001318	OREGON
Dolphin North/South	Sixes Hotel	Building	92001325	OREGON
Dolphin North/South	Nerdrum, Hjalte, House	Building	93000435	OREGON
Dolphin North/South	Cape Blanco Lighthouse	Building	73002339	OREGON
Dolphin North/South	Cape Arago Lighthouse	Building	73002338	OREGON
Dolphin North/South	Seelig--Byler House	Building	93001510	OREGON
Dolphin North/South	Marshfield Hotel	Building	84002971	OREGON
Dolphin North/South	Koski Building	Building	93001509	OREGON
Dolphin North/South	Marshfield City Hall	Building	97000125	OREGON
Dolphin North/South	Crescent City Lighthouse	Building	83001177	CALIFORNIA
Dolphin North/South	Nauke, William and Nannie, House	Building	99000946	OREGON
Dolphin North/South	Nerdrum--Conrad House	Building	04000616	OREGON
Dolphin North/South	Hotel North Bend	Building	05000932	OREGON
Dolphin North/South	Egyptian Theatre	Building	10000281	OREGON
Goose North/South	Sacred Heart Catholic Church	Building	83001209	CALIFORNIA
Goose North/South	NCO Railway Depot	Building	85000357	CALIFORNIA
Goose North/South	Nevada-California-Oregon Railway Co. General Office Building	Building	74000529	CALIFORNIA
Goose North/South	Nevada-California-Oregon Railway Co. General Office Building	Building	74000529	CALIFORNIA
Juniper	Frenchglen Hotel	Building	84000469	OREGON

Note: "The condition is defined as "likely but not guaranteed to be extant" (or not guaranteed to be standing)



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Ron Alvarado, State Conservationist
Natural Resources Conservation Services
U.S Department of Agriculture
1201 NE Lloyd Blvd, Suite 900
Portland, OR 97232

Dear Mr. Alvarado:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

Executive Order 12372, *Intergovernmental Review of Federal Programs*, requires federal agencies to solicit other federal agency participation in the NEPA process. Accordingly, I am requesting your participation in the review and comment process. Copies of the Draft EA and the proposed Finding of Significant Impact (FONSI) are available at <https://www.173fw.ang.af.mil/About-Us/>.

If, after review of the Draft EA and proposed FONSI, you have additional information regarding impacts of the Proposed Action on the environment of which we are unaware, we would appreciate receiving such information for inclusion and consideration during the NEPA process. Please respond within 30 days of the date of this letter to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls, Oregon 97603, or via email to Joseph.a.young32.mil@mail.mil. Thank you for your assistance.

Sincerely,

A handwritten signature in cursive script that reads "Joseph A. Young".

JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Jackie Andrew, Assistant Director
Resource, Planning, and Monitoring
U.S. Forest Service
1220 SW 3rd Avenue
Portland, OR 97204

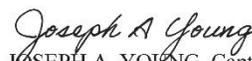
Dear Ms. Andrew:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,


JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Jamie Connell
State Director
Bureau of Land Management
1220 S.W. 3rd Avenue
Portland, OR 97204

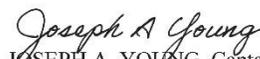
Dear Ms. Connell:

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Sincerely,


JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Mr. Matt Crall
Planning Services Division Manager
Oregon Department of Land Conservation and Development
635 Capitol Street NE, Suite 150
Salem, OR 97301

Dear Mr. Crall:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,

Joseph A Young
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Coleen Cripps, Administrator
Department of Conservation and Natural Resources
Nevada Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City, NV 89701-5249

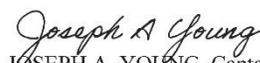
Dear Ms. Cripps:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,


JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Aaron L. Dorf
Commander and District Engineer
U.S. Army Corps of Engineers, Portland District
P.O. Box 2946
Portland, OR 97208-2946

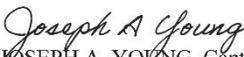
Dear Col. Dorf:

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Sincerely,


JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Randy Fisher
Executive Director
Pacific States Marine Fisheries Commission
205 SE Spokane Street, Suite 100
Portland, OR 97202

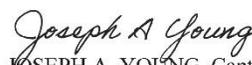
Dear Mr. Fisher:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,


JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Chris Hladick, Director
U.S. EPA, Region 10
1200 Sixth Avenue
Seattle, WA 98101

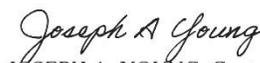
Dear Mr. Hladick:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

Executive Order 12372, *Intergovernmental Review of Federal Programs*, requires federal agencies to solicit other federal agency participation in the NEPA process. Accordingly, I am requesting your participation in the review and comment process. Copies of the Draft EA and the proposed Finding of Significant Impact (FONSI) are available at <https://www.173fw.ang.af.mil/About-Us/>.

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Sincerely,


JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Laura Joss
Regional Director
National Park Service, Pacific West Region
333 Bush Street, Suite 500
San Francisco, CA 94104-2828

Dear Ms. Joss:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,


JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Kim Kratz, Assistant Regional Administrator
NOAA Fisheries (NMFS)
Oregon and Washington Coastal Office
1201 NE Lloyd Boulevard, Suite 1100
Portland, OR 97232

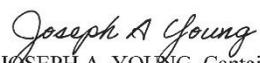
Dear Ms. Kratz:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,


JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Karen Larsen, Deputy Director
Division of Water Quality
California North Coast Regional Water Quality Control Board
5550 Skylane Blvd, Suite A
Santa Rosa, CA 95403-1072

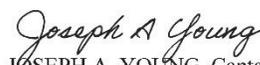
Dear Ms. Larsen:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,


JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Ms. Carrie Lovellette
Division Assistant
Oregon Parks and Recreation Department Planning
725 Summer Street NE, Suite C
Salem, OR 97301

Dear Ms. Lovellette:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,


JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Neil Manji
Regional Manager
California Department of Fish and Wildlife
601 Locust Street
Redding, CA 96001

Dear Mr. Manji:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,

Joseph A Young
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Curt Melcher
Director
Oregon Department of Fish and Wildlife
4034 Fairview Industrial Drive SE
Salem, OR 97302

Dear Mr. Melcher:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,

Joseph A Young
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Jim Paul
Agency Director
Oregon Department of State Lands
775 Summer Street NE, Suite 100
Salem, OR 97301-1279

Dear Mr. Paul:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,

Joseph A Young
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

John Ruhs
State Director
Bureau of Land Management
1340 Financial Blvd
Reno, NV 89502

Dear Mr. Ruhs:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,

Joseph A Young
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Lisa Van Atta, Assistant Regional Administrator
NOAA Fisheries (NMFS)
California Coastal Area Office
1655 Heindon Road
Arcata, CA 95521

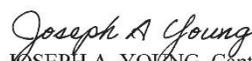
Dear Ms. Van Atta:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,


JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Tony Wasley, Director
Nevada Department of Wildlife
6980 Sierra Center Pkwy #120
Reno, NV 89511

Dear Mr. Wasley:

The U.S. Air Force (Air Force) has prepared an Environmental Assessment (EA) to evaluate potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. The EA was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations. The Proposed Action includes the establishment of an estimated 39 contracted maintainers and 8 contracted pilots who would operate an estimated six contractor aircraft to fly an estimated 2,000 annual sorties in special use airspace in support of the 173d Fighter Wing at Kingsley Field. Kingsley Field Air National Guard Base has existing facilities to support the Proposed Action that are available for use and require minimal modification. They are located near the existing airfield and runway and include the necessary ramp space; maintenance space; operational space; petroleum, oil, and lubricants storage; runway access; and associated parking to support the contract ADAIR mission.

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Sincerely,

Joseph A Young
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

7 June 2019

Richard Whitman, Director
Oregon Department of Environmental Quality
DEQ Headquarters
700 NE Multnomah Street, Suite 600
Portland, OR 97232-4100

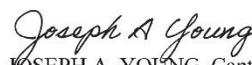
Dear Mr. Whitman:

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Sincerely,


JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer



DEPARTMENT OF THE AIR FORCE
173^d FIGHTER WING
KINGSLEY FIELD OREGON

20 May 2019

Klamath Falls Main Public Library
126 South 3rd Street
Klamath Falls, Oregon 97601

Dear Sir or Madam:

Please find enclosed a copy of the Draft Environmental Assessment evaluating the potential environmental impacts associated with the proposed Combat Air Forces contract Adversary Air (ADAIR) support at Kingsley Field Air National Guard Base, Oregon. In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations implementing NEPA, and the Air Force NEPA regulations, the Air Force Engineer Center and Kingsley Field Air National Guard Base request that libraries file this document for public access and reference. Please maintain this document for public access for 30 days from receipt of this letter. Written responses may be sent to me, Captain Joseph Young at 173FW/CEV, 221 Wagner Street STE99, Kingsley Field, Klamath Falls, Oregon 97603, or via email to Joseph.a.young32.mil@mail.mil. Thank you for your assistance.

Sincerely,

Joseph A Young
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Enclosure:
1 – Draft EA



DEPARTMENT OF THE AIR FORCE
173^d FIGHTER WING
KINGSLEY FIELD OREGON

20 May 2019

Coos Bay Public Library
525 Anderson Avenue
Coos Bay, Oregon 97420

Dear Sir or Madam:

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Sincerely,

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JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Enclosure:
1 – Draft EA Document



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

20 May 2019

Cedarville Public Library
460 Main Street
Cedarville, California 96104

Dear Sir or Madam:

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Sincerely,

Joseph A Young
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Enclosure:
1 – Draft EA Document



DEPARTMENT OF THE AIR FORCE
173^d FIGHTER WING
KINGSLEY FIELD OREGON

20 May 2019

Del Norte County Library
190 Price Mall
Crescent City, California 95531

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JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Enclosure:
1 – Draft EA Document



DEPARTMENT OF THE AIR FORCE
173D FIGHTER WING
KINGSLEY FIELD OREGON

20 May 2019

Northwest Reno Library
2325 Robb Drive
Reno, Nevada 89523

Dear Sir or Madam:

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Sincerely,

Joseph A Young
JOSEPH A. YOUNG, Captain, ORANG
Environmental Engineer

Enclosure:
1 – Draft EA Document

Interagency and Intergovernmental Coordination and Consultations Mailing List

Ron Alvarado, State Conservationist
Natural Resources Conservation Services
U.S Department of Agriculture
1201 NE Lloyd Blvd, Suite 900
Portland, OR 97232

Jackie Andrew, Assistant Director
Resource, Planning, and Monitoring
U.S. Forest Service
1220 SW 3rd Avenue
Portland, OR 97204

Jamie Connell, State Director
Bureau of Land Management
1220 S.W. 3rd Avenue
Portland, OR 97204

Matt Crall, Planning Services Division Manager
Oregon Department of Land Conservation and
Development
635 Capitol Street NE, Suite 150
Salem, OR 97301

Coleen Cripps, Administrator
Department of Conservation and Natural
Resources
Nevada Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City, NV 89701-5249

Aaron L. Dorf, Commander and District Engineer
U.S. Army Corps of Engineers, Portland District
P.O. Box 2946
Portland, OR 97208-2946

Randy Fisher, Executive Director
Pacific States Marine Fisheries Commission
205 SE Spokane Street, Suite 100
Portland, OR 97202

Chris Hladick, Director
U.S. EPA, Region 10
1200 Sixth Avenue
Seattle, WA 98101

Laura Joss, Regional Director
National Park Service, Pacific West Region
333 Bush Street, Suite 500
San Francisco, CA 94104-2828

Kim Kratz, Assistant Regional Administrator
NOAA Fisheries (NMFS)
Oregon and Washington Coastal Office
1201 NE Lloyd Boulevard, Suite 1100
Portland, OR 97232

Karen Larsen, Deputy Director
Division of Water Quality
California North Coast Regional Water Quality
Control Board
5550 Skylane Blvd, Suite A
Santa Rosa, CA 95403-1072

Ms. Carrie Lovellette, Division Assistant
Oregon Parks and Recreation Department
Planning
725 Summer Street NE, Suite C
Salem, OR 97301

Neil Manji, Regional Manager
California Department of Fish and Wildlife
601 Locust Street
Redding, CA 96001

Curt Melcher, Director
Oregon Department of Fish and Wildlife
4034 Fairview Industrial Drive SE
Salem, OR 97302

Rebecca Palmer, SHPO
Historic Preservation Office
901 S. Stewart Street, Suite 5004
Carson City, NV 89701-4285

Jim Paul, Agency Director
Oregon Department of State Lands
775 Summer Street NE, Suite 100
Salem, OR 97301-1279

Julianne Polanco, SHPO
Office of Historic Preservation
Department of Parks and Recreation
1725 23rd Street, Suite 100
Sacramento, CA 95816

John Ruhs, State Director
Bureau of Land Management
1340 Financial Blvd
Reno, NV 89502

Paul Souza
U.S. Fish and Wildlife Service
Pacific Southwest Region
2800 Cottage Way
Sacramento, CA 95825

Lisa Sumption, Director
State Historic Preservation Office
Oregon Parks and Recreation Department
725 Summer Street NE, Suite C
Salem, OR 97301

Robyn Thorson
U.S. Fish and Wildlife Service
Pacific Region
911 NE 11th Avenue
Portland, OR 97232

Lisa Van Atta, Assistant Regional Administrator
NOAA Fisheries (NMFS)
California Coastal Area Office
1655 Heindon Road
Arcata, CA 95521

Tony Wasley, Director
Nevada Department of Wildlife
6980 Sierra Center Pkwy #120
Reno, NV 89511

Richard Whitman, Director
Oregon Department of Environmental Quality
DEQ Headquarters
700 NE Multnomah Street, Suite 600
Portland, OR 97232-4100

Gary Burke, Board of Trustees Chairman
Confederated Tribes of the Umatilla Indian
Reservation
46411 Timine Way
Pendleton, OR 97801

Wendy Del Rosa, Chairman
Alturas Indian Rancheria, California
P.O. Box 340
Alturas, CA 96101

Harold Bennett, Chairman
Quartz Valley Indian Community of the Quartz
Valley Reservation of California
13601 Quartz Valley Road
Fort Jones, CA 96032

Rick Dowd, Chairman
Resighini Rancheria, California
PO Box 529
Klamath, CA 95548-0529

Thomas Wasson, Chairman
Winnemucca Indian Colony of Nevada
200 South Virginia Street, 8th Floor
Winnemucca, NV 89501

Dan Courtney, Chairman
Cow Creek Band of Umpqua Tribe of Indians
2371 NE Stephens Street
Roseburg, OR 97470

Tildon Smart, Chairman/Administrator
Fort McDermitt Paiute and Shoshone Tribes of
the Fort McDermitt Indian Reservation, Nevada
and Oregon
PO Box 457
McDermitt, NV 89421-0457

William Sand, Chairperson
Bear River Band of the Rohnerville Rancheria,
California
266 Keisner Road
Loleta, CA 95551-9707

Melissa Davis, Chairperson
Cedarville Rancheria, California
300 West 1st Street
Alturas, CA 96101-3905

Garth Sundberg, Chairperson
Cher-Ae Heights Indian Community of the
Trinidad Rancheria, California Chairperson
PO Box 630
Trinidad, CA 95570-0630

Dale Miller, Chairperson
Elk Valley Rancheria, California
2332 Howland Hill Road
Crescent City, CA 95531

Bernold Pollard, Chairperson
Fort Bidwell Indian Community of the Fort Bidwell
Reservation of California
PO Box 129
Fort Bidwell, CA 96112-0129

Danielle Vigil-Masten, Chairperson
Hoopa Valley Tribe, California
PO Box 1348
Hoopa, CA 95546-1348

Russell Attebery, Chairperson
Karuk Tribe
PO Box 1016
Happy Camp, CA 96039-1016

Mickey Gemmil, Chairperson
Pit River Tribe, California
36970 Park Avenue
Burney, CA 96013

Kara Brundin-Miller, Chairperson
Smith River Rancheria, California
140 Rowdy Creek Road
Smith River, CA 95567-9446

Stacy Dixon, Chairperson
Susanville Indian Rancheria, California
745 Joaquin Street
Susanville, CA 96130-3628

Ted Hernandez, Chairperson
Wiyot Tribe, California
1000 Wiyot Drive
Loleta, CA 95551

Thomas O'Rourke, Chairperson
Yurok Tribe of the Yurok Reservation, California
PO Box 1027
Klamath, CA 95548-1027

Len George, Chairperson
Paiute-Shoshone Tribe of the Fallon Reservation
and Colony, Nevada Chairperson
565 Rio Vista Drive
Fallon, NV 89406-6415

Vinton Hawley, Chairperson
Pyramid Lake Paiute Tribe of the Pyramid Lake
Reservation, Nevada
PO Box 256
Nixon, NV 89424-0256

Arlan Melendez, Chairperson
Reno-Sparks Indian Colony, Nevada
98 Colony Road.
Reno, NV 89502

Randi DeSoto, Chairperson
Summit Lake Paiute Tribe of Nevada
1001 Rock Blvd.
Sparks, NV 89431-4337

Davis Gonzales, Chairperson
Te-Moak Tribe of Western Shoshone Indians of
Nevada
525 Sunset Street,
Elko, NV 89801

Bobby Sanchez, Chairperson
Walker River Paiute Tribe of the Walker River
Reservation, Nevada
PO Box 220
Schurz, NV 89427-0220

Neil Mortimer, Chairperson
Washoe Tribe of Nevada and California
919 Highway 395 South
Gardnerville, NV 89410

Linda Howard, Chairperson
Yerington Paiute Tribe of the Yerington Colony &
Campbell Ranch, Nevada
171 Campbell Lane
Yerington, NV 89447

Lindsey Manning, Chairperson
Shoshone-Paiute Tribes of the Duck Valley
Reservation, Nevada
PO Box 219
Owyhee, NV 89832-0219

Blaine Edmo, Tribal Chairman
Shoshone-Bannock Tribes of the Fort Hall
Reservation
PO Box 306
Fort Hall, ID 83203

Reynold Leno, Tribal Chairman
Confederated Tribes of the Grand Ronde
Community of Oregon
9615 Grand Ronde Road
Grand Ronde, OR 97347

Austin Greene, Tribal Chairman
Confederated Tribes of the Warm Springs
Reservation of Oregon
PO Box C
Warm Springs, OR 97761

Donald Gentry, Tribal Chairman
Klamath Tribes
PO Box 436
Chiloquin, OR 97624

Mark Ingersoll, Tribal Chairman
Confederated Tribes of the Coos, Lower Umpqua
and Siuslaw Indians
1245 Fulton Avenue
Coos Bay, OR 97420

Delores Pigsley, Tribal Chairperson
Confederated Tribes of Siletz Indians of Oregon
Chairperson
PO Box 549
Siletz, OR 97380

Charlotte Roderique, Tribal Chairwoman
Burns Paiute Tribe
Chairwoman
100 Pasigo Street
Burns, OR 97720-2442

Brenda Meade, Tribal Chairwoman
Coquille Indian Tribe
3050 Tremont St.
North Bend, OR 97459

Klamath Falls Main Public Library
126 South 3rd Street
Klamath Falls, OR 97601

Coos Bay Public Library
525 Anderson Avenue
Coos Bay, OR 97420

Cedarville Public Library
460 Main Street
Cedarville, CA 96104

Del Norte County Library
190 Price Mall
Crescent City, CA 95531

Northwest Reno Library
2325 Robb Drive
Reno, NV 89523

Appendix A-4

Agency and Government-to-Government Comment Letters

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Agency Comment Letters

From: Skip Canfield
To: [REDACTED]
Subject: [Non-DoD Source] Nevada State Clearinghouse Notice E2019-032 (Training Modifications - Kingsley Field National Guard - Affects N Washoe County Airspace)
Date: Friday, September 14, 2018 4:12:13 PM

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

NEVADA STATE CLEARINGHOUSE

 Department of Conservation and Natural Resources, Division of State Lands
901 S. Stewart St., Ste. 5003, Carson City, Nevada 89701-5246
(775) 684-2723 Fax (775) 684-2721

TRANSMISSION DATE: 09/14/2018

Nevada State Clearinghouse Notice E2019-032

Project: Training Modifications - Kingsley Field National Guard - Affects N Washoe County Airspace

Follow the link below to find information concerning the above-mentioned project for your review and comment.

E2019-032 < Caution-<http://clearinghouse.nv.gov/public/Notice/2019/E2019-032.pdf> > -
Caution-<http://clearinghouse.nv.gov/public/Notice/2019/E2019-032.pdf> < Caution-
<http://clearinghouse.nv.gov/public/Notice/2019/E2019-032.pdf> >

- **Please evaluate this project's effects on your agency's plans and programs and any other issues that you are aware of that might be pertinent to applicable laws and regulations.**
- **Please reply directly from this e-mail and attach your comments.**
- **Please submit your comments no later than Monday October 1st, 2018.**

Clearinghouse project archive < Caution-<http://clearinghouse.nv.gov> >

Questions? Skip Canfield, Program Manager, [REDACTED]

ornevadaclearinghouse@lands.nv.gov < Caution-
mailto:nevadaclearinghouse@lands.nv.gov >

No comment on this project Proposal supported as written

AGENCY COMMENTS:

Signature:

Date:

Requested By:

Distribution:

- 99ABW Nellis
- Department of Conservation & Natural Resources
- Division of Emergency Management
- Intermountain Range
Alan Jenne - Department of Wildlife, Elko
Alisanne Maffei - Department of Administration
Alysa Keller - Legislative Counsel Bureau
Amanda Evans - NACO
Andrea Randall - Southern Nevada Water Authority
Angela Dykema - Nevada State Energy Office
Ann Bedlion - NAS Fallon
Anna Higgins - Nevada Division of Forestry
Bart Chambers - State Fire Marshall Office
Bettina Scherer - Conservation Districts
Bill Thompson - Department of Transportation, Aviation
Birgit Henson - NDEP
Bob Turner - Nellis AFB
Caleb McAdoo - NDOW
Carl Erquiaga - Theodore Roosevelt Conservation Partnership
Cathy Erskine - Dept of Conservation and Natural Resources
Cayenne Engel - Nevada Division of Forestry
Chad Mellison - U.S. Fish and Wildlife Service
Chris Thorson - Division of Water Resources
Christina Wilson - State Fire Marshall Office
Chuck King - Hawthorne Army Depot
Clifford Banuelos - Inter-Tribal Council of Nevada, Inc.

Connie Lee - NDOW
Connie Lucido - Department of Administration
Cory Lytle - Lincoln County
Craig Mortimore - Wild Nevada
D. Bradford Hardenbrook - Department of Wildlife, Las Vegas
Dan Huser - Sagebrush Ecosystem Technical Team
David David - UNR Bureau of Mines
David Mouat - Desert Research Institute
Donna Withers - NAS Fallon
Ed Ryan - Smith and Mason Valleys Conservation District
Eddy Quaglieri P.E. - Carson City Public Works Department
Elizabeth A. Harrison - Tahoe Resource Team - Division of State Lands
Ellery Stahler - Nevada Division of State Lands
Elyse Quick - State Land Office
Eric Miskow - Nevada Natural Heritage Program
Garrett Wake - Nevada Division of Minerals
Gary Reese - Nevada Division of Forestry
Genevieve A. Skora - US Fish and Wildlife Service
Greg Lovato - NDEP
Greg McKay - NV OHV Commission
Gwen Barrett - Fire Marshal Office
Ian Kono - Nevada Division of Water Resources
J Crandell - Colorado River Commission of Nevada
Janice Keillor - Nevada Division of State Parks
Jasmine Kleiber - NDOW
Jason Salisbury - Nevada Department of Wildlife
Jenni Jeffers - Nevada Department of Wildlife
Jennifer Newmark - NDOW - Wildlife Diversity
Jered McDonald - Legislative Counsel Bureau
Jim Balderson - NDEP
Jim English - Washoe County
Jo Ann Kittrell - Department of Conservation & Natural Resources
John Christopherson - Nevada Division of Forestry
John Muntean - UNR Bureau of Mines
Jon Price - UNR Bureau of Mines
Kacey KC - Nevada Division of Forestry
Kelli Anderson - Division of Emergency Management
Kelly Eagan - Esmeralda County
Kelly McGowan - Sagebrush Ecosystem Technical Team
Kenny Pirkle - Nevada Department of Wildlife
Kevin Verre - NDOT
Kim Borgzinner - NDEP
Kris Urquhart - Nevada Department of Wildlife
Kristin Szabo - Nevada Natural Heritage Program
Kurt Haukohl - NDOT
Larry Cruz - Hawthorne Army Depot
Lee Ann Carranza - U.S. Fish and Wildlife Service
Lee Bonner - NDOT
Lindsey Lesmeister - NDOW
Lisa Kremer - NDEP

Lori M. Story - Attorney General
Louis Groffman - Nevada Department of Transportation
Major Brian Hunsaker - Nevada National Guard
Mark Costa - NDOT
Mark Enders - NDOW
Mark Freese - Department of Wildlife
Matt Maples - NDOW
Meghan Brown - Dept of Agriculture
Michael J. Stewart - Legislative Counsel Bureau
Michael Visher - Division of Minerals
Mike Miller - City of Fallon Public Works
Mitch Ison - NDOT
Miteshell Lanham - Lander County
Moiria Kolada - NDOW
Peggy Roefer - Colorado River Commission
Peter Wallish - Governor's Office on Economic Development
Rebecca Palmer - State Historic Preservation Office
Rich Perry - Nevada Division of Minerals
Richard Arnold - Nevada Indian Commission
Robert Rule - NAS Fallon
Ryan Shane - Nevada Division of Forestry
Samantha Thompson - Dept of Conservation and Natural Resources
Sandy Hoover - Nevada Association of Counties
Sandy Quilici - Department of Conservation & Natural Resources
Seth Johnson - Public Utilities Commission
Sheila Anderson - Governor's Office
Shimi Mathew - Nellis AFB
Shirley DeCrona - Nevada Division of State Parks
Skip Canfield - State Land Use Planning Agency
Susan Cooper - US Fish and Wildlife Service
Susan Scholley - Legislative Counsel Bureau
Tara Vogel - US Fish and Wildlife Service
Tim Mueller - Department of Transportation
Tim Rubald -
Tod Oppenborn - Nellis Air Force Base
Tracy Kipke - NDOW
Tyler Klimas - Washington Office
Valerie King - NDEP
Warren Turkett - Colorado River Commission of Nevada
Wendi Wyatt - State Fire Marshall Office
Wes Henderson - Nevada League of Cities
Zip Upham - NAS Fallon



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
West Coast Region
1655 Heindon Road
Arcata, California 95521-4573

SEP 20 2018

In response refer to:
10012WCR2018AR00017

Captain Joseph A. Young
Department of the Air Force, 173D Fighter Wing
173FW/CEV, 221 Wagner Street STE99, Kingsley Field
Klamath Falls, OR 97603

RE: Request for Information on Potential Effects to Protected Resources

Dear Captain Young,

On September 4, 2018, NOAA's National Marine Fisheries Service (NMFS) received your letter requesting information on the potential effects of the proposed Air Force's contract Adversary Air (ADAIR) support activities on protected resources or sensitive marine resources. The Proposed Action would provide contracted support for the necessary capability and capacity to employ adversary tactics across the combat training spectrum based in Kingsley Field Air National Guard Base (ANGB), located in Oregon.

The Proposed Action would involve existing facilities at Kingsley Field, and training activities would use airspace near Kingsley ANGB that overlies northern California, northwest Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California.

NMFS is not aware of any information indicating the Proposed Action will have an effect on species or habitats under NMFS' jurisdiction pursuant to the Endangered Species Act, Marine Mammal Protection Act, and Magnuson-Stevens Fisheries Conservation and Management Act.

Thank you for your coordination and interest in supporting the preservation of protected species and sensitive marine habitats. If you have further questions, please contact Mr. Jim Simondet at [REDACTED]

Sincerely,

Lisa Van Atta
Assistant Regional Administrator
California Coastal Area Office





Oregon

Kate Brown, Governor

Department of Fish and Wildlife
Klamath-Malheur Watershed District Office
Klamath Wildlife Area
1850 Miller Island Rd.
Klamath Falls, Oregon 97603
(541) 883-5732
FAX (541) 883-5521



Captain Joseph Young
173FW/CEV
221 Wagner Street STE99
Kingsley Field
Klamath Falls, OR 97603

Dear Captain Young:

The Oregon Department of Fish and Wildlife (ODFW) has reviewed the Description of Proposed Action and Alternatives Summary for Kingsley Field Combat Air Force Adversary Air in preparations for the Environmental Assessment (EA) requirements to meet the National Environmental Policy Act (NEPA) standards.

ODFW's main concerns are the potential for flares to cause fires in sage-grouse habitat in the Juniper/Hart Military Operations Areas (MOAs), however, we believe the 5,000 feet restriction would satisfy our concerns if implemented.

Thank you for the opportunity to provide comment on the proposed actions of the National Guard Bureau, the U.S. Air Force, and Headquarters Air Combat Command.

Sincerely,

A handwritten signature in blue ink that reads "Trevor Watson".

Trevor Watson
Klamath and Malheur Watershed District Manager
Oregon Department of Fish and Wildlife

From: JOHNSON Ian * OPRD
To: [REDACTED]
Subject: [Non-DoD Source] SHPO Case Nbr SHPO Case No.: 18-1484, US Air Force, Kingsley Field Air National Guard Base, Flight Missions
Date: Monday, October 1, 2018 12:31:06 PM
Attachments: SHPO Response Letter Case Nbr SHPO Case No. 18-1484.pdf

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

Please find the SHPO's response to your request for comment on cultural resources at the above-identified project. This attachment serves as your file copy. If you have any questions, please feel free to contact me.

Ian P. Johnson | Associate Deputy State Historic Preservation Officer
Oregon Parks and Recreation Department, Heritage Division
State Historic Preservation Office
[REDACTED]

Visit our website: Caution-www.oregonheritage.org

Like us on Facebook: Caution-<https://www.facebook.com/OregonHeritage>

Visit our Blog, The Oregon Heritage Exchange: Caution-<http://oregonheritage.wordpress.com/>



Oregon

Kate Brown, Governor

Parks and Recreation Department

State Historic Preservation Office

725 Summer St NE Ste C

Salem, OR 97301-1266

Phone (503) 986-0690

Fax (503) 986-0793

www.oregonheritage.org



October 1, 2018

Joseph Young, Environmental Manager
Dept of Air Force
Kingsley Field, OR

RE: SHPO Case No. 18-1484

US Air Force, Kingsley Field Air National Guard Base, Flight Missions

2000 ADAIR flights

Multiple legals

Dear Young:

We have reviewed the materials submitted on the project referenced above, and we concur there will be no historic properties affected for this undertaking. Based on prior survey efforts the SHPO concurs that there is no historic district present and that the buildings proposed for alteration are not eligible for listing in the National Register of Historic Places.

This letter refers to above-ground historic resources only. Comments pursuant to a review for archaeological resources, if applicable, will be sent separately. This concludes the requirement for consultation with our office under Section 106 of the National Historic Preservation Act (per 36 CFR Part 800) for above-ground historic properties. Local regulations, if any, still apply and review under local ordinances may be required. Please feel free to contact me if you have any questions, comments or need additional assistance.

Sincerely,

Ian P. Johnson, M.A.
Associate Deputy SHPO

██████████
██████████

From: Mbabaliye, Theogene
To: [REDACTED]
Subject: [Non-DoD Source] EPA scoping comments on the proposed Combat Air Forces Contract Adversary Air support project
Date: Tuesday, October 2, 2018 4:28:24 PM
Attachments: [18-0058-UAF Scoping for the Combat Air Forces Contract Adversary Air support project.pdf](#)

Dear Captain Young,

Attached please find the EPA scoping comments on your proposed Combat Air Forces Contract Adversary Air support project. A hard copy of the same comments is being mailed to your Office in Klamath Falls via the US Postal Service and should arrive soon. In the meantime, please let us know if you have questions about our comments for assistance.

Thank you for involving us in review of your proposal and look forward to continued involvement as the NEPA process for the project moves forward.

I thank you.

Theo Mbabaliye, Ph.D.
US EPA Region 10
1200 6th Ave., Suite 155, OERA-140
Seattle, WA 98101-3140
[REDACTED]



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 155
Seattle, WA 98101-3123

OFFICE OF
ENVIRONMENTAL REVIEW
AND ASSESSMENT

October 2, 2018

Captain Joseph Young, Environmental Office Manager
Department of the Air Force
173rd Fighter Wing/CEV
221 Wagner Street, Suite 99
Kingsley Field
Klamath Falls, Oregon 97603

Dear Captain Young:

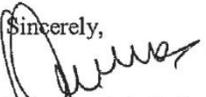
The U.S. Environmental Protection Agency has reviewed the National Guard Bureau, the US Air Force, and Headquarters Air Combat Command announcement to prepare an Environmental Assessment for the proposed Combat Air Forces Contract Adversary Air support project (EPA Region 10 Project Number 18-0058-UAF) at Kingsley Field Air National Guard Base in Klamath Falls, Oregon. The EPA comments are provided pursuant to the National Environmental Policy Act, Council on Environmental Quality regulations (40 CFR §§ 1500-1508), and Section 309 of the Clean Air Act. Thank you for informing us of your proposed action.

According to the August 28, 2018 request for scoping comments announcement, the National Guard Bureau and the US Air Force are proposing to evaluate the potential environmental impacts associated with contracting support of up to 2,000 annual sorties for Combat Air Forces training. This action would involve stationing up to six contractor aircraft and crew at Kingsley Field ANGB. The aircraft would be using the airspace over the base out to northern California, northwestern Nevada and Oregon, and the Pacific Ocean off the coasts of Oregon and northern California. The proposed action is needed to address shortfalls in combat readiness and capability, especially capacity to employ adversary tactics.

We appreciate the opportunity to provide early input and support the NGB and USAF decision to include scoping as a step in the EA process for the proposed action. In addition to the preliminary list of issues and resources that will be addressed in the EA, we offer the attached comments to highlight the issues that we believe are important to consider in the NEPA analysis. Because the flights would cross multiple states, we recommend that the issues and impacts related to affected resources in each state be fully analyzed and that mitigation measures be incorporated. If the analysis reveals that significant impacts would result from the proposed action, then we recommend the NGB and USAF consider preparing an Environmental Impact Statement rather than an EA.

Thank you for the opportunity to provide scoping comments on this project. If you have questions about our comments, please contact me at [REDACTED]

Sincerely,


Theogene Mbabaliye, NEPA Reviewer
Environmental Review and Sediment Management Unit

**EPA Scoping Comments on the proposed
Combat Air Forces Contract ADAIR Support Project
Kingsley Field Air National Guard Base, OR**

Range and Comparison of Alternatives

We recommend that the EA include a range of reasonable alternatives that meet the stated purpose and need for the proposed action and that are responsive to the issues identified during the scoping process. The CEQ recommends that all reasonable alternatives should be considered, even if some of them could be outside the capability of the applicant or the jurisdiction of the agency. The environmental impacts of the proposal and alternatives should also be presented in comparative form, thus sharply defining the issues and providing a clear basis for choice among options by the decision maker and the public. The potential impacts of each alternative should be quantified to the greatest extent possible. It would also be useful to list each alternative action's impacts and corresponding mitigation measures. The EPA encourages selection of reasonable alternatives that will minimize environmental degradation.

Environmental Effects

The EA document should include the environmental effects of the proposed action on natural resources and any necessary mitigation measures to reduce or cancel those effects. This would involve the delineation and description of the affected environment or analysis area, indication of the impacted resources, the nature of the impacts, and proposed mitigation measures to reduce those impacts. We recommend that providing adequate information in the EA on the following topics would be especially helpful for decision makers and the public.

a) Air Quality Impacts

Because the proposed action may result in impacts on air quality, we recommend that the EA include a detailed discussion of ambient air conditions (baseline or existing conditions), National Ambient Air Quality Standards (NAAQS), and criteria pollutant non-attainment areas in the analysis area and vicinity, if applicable. Please estimate emissions of criteria pollutants for the analysis area and discuss the timeframe for release of these emissions from construction through the lifespan of the proposed training program. For estimation of emissions, it would be helpful to specify all emission sources and quantify related emissions. Such an evaluation is necessary to assure compliance with affected States and federal air quality regulations, and to disclose the potential impacts from temporary or cumulative degradation of air quality. We recommend that the EA include the following:

- Detailed information about ambient air conditions, NAAQS, and criteria pollutant non-attainment areas in all areas considered for the airport and adjacent areas.
- Data on emissions of criteria pollutants from the proposed action and discuss the timeframe for release of these emissions.
- Specific information about pollutant from mobile sources, stationary sources, and ground disturbance. This source specific information should be used to identify appropriate mitigation measures and areas in need of the greatest attention.
- An Equipment Emissions Mitigation Plan that identifies actions to reduce diesel particulate, carbon monoxide, hydrocarbons, and NOx associated with the flying missions.

Please also consider identifying the potential effects from air pollutants, including air toxics, to military personnel, ground crews, nearby residents, businesses, and any sensitive receptor locations, such as,

schools, medical facilities, senior centers and residences, daycare centers, outdoor recreation areas (e.g., parks).

b) Noise and disturbance effects

The Kingsley Field ANGB currently experiences noise and other flight-related disturbance to communities, which variously affects residents, visitors, schools, businesses, recreation areas and activities, natural areas and wildlife. We note from the proposed action description that, "contract ADAIR flights would occur between 10:00 pm to 7:00 am when the effects of aircraft noise are accentuated." Therefore, we recommend that the EA address the direct, indirect, and cumulative effects from aircraft and other equipment noise and disturbance that would potentially result for both human and wildlife communities. We encourage the NGB and USAF to consider including in the EA analysis the following elements:

- Identification of the geographic location and area affected by the proposed training program and related operations.
- Any differences in intensity/severity of effects with respect to the updated and additional air traffic, including height above ground and height above sea level for all effects.
- Any new effects on previously undisturbed areas and cumulative/increased effects (increased frequency, severity) on areas currently within the analysis area.
- Effects on birds and overall effects on habitat quality/suitability for nesting, rearing, foraging, roosting, particularly within important habitat/concentration areas, such as, Wildlife Refuges, Natural Areas/Key Conservation Sites, and other important habitat, and on threatened, endangered, candidate, sensitive, and other species of concern listed by Federal or State fish and wildlife agencies.
- Effects on other terrestrial or aquatic wildlife species, including marine mammals. For affected species and habitats, disclose the area, location, and accessibility of any remaining intact habitats and refugia currently unaffected by flights from and to Kingsley Field ANGB.
- Effects on children's health and safety, including effects of noise/disturbance on school and other learning facilities, outdoor recreation areas, and other sensitive locales. See Executive Order 13045.¹
- Effects on other vulnerable/disadvantaged populations, including minorities, low income, elderly, disabled, and Native Americans.
- Effects on quality of life, recreation activities, and quietude. Churches and other community gathering environments may be affected by new or increased noise and frequency of military flights.
- Indirect and cumulative effects on sensitive human and non-human animal receptors.

c) Solid Waste, Hazardous Materials and Wastewater Management

As the proposed action may result in direct, indirect, and cumulative impacts due to use of hazardous and non-hazardous materials, we recommend that the EA address these impacts. Hazardous materials such as compressed gas, petroleum products, and others may be used and/or stored in the community or at the base. Although their proper management is presumed to be safe, concerns remain about the possibility of accidents resulting in the release of hazardous materials to the environment. If that is

¹ <https://www.epa.gov/children/executive-order-13045-protection-children-environmental-health-risks-and-safety-risks>

possible, we recommend that the EA describe measures that would be taken to minimize the chances of such an accident, and emergency response measures that would be taken should an accident occur.

Please also address the applicability of state and federal hazardous materials, pollution prevention, and solid waste requirements, and appropriate mitigation measures to prevent and minimize the generation of solid and hazardous materials. Consistent with the NGB and USAF's guidelines and EPA regulations (40 CFR 112), there may be a need to prepare and implement a Spill Prevention, Control, and Countermeasure (SPCC).² We recommend that information addressing such SPCC be included in the EA document, if applicable.

If any pesticides and herbicides will be used during the training program, then the EA would need to address any potential toxic hazards related to the application of the chemicals, and describe what actions will be taken to assure that impacts by toxic substances released to the environment will be minimized. See Executive Order 13112³. We recommend the EA to include a program design feature that calls for the development of an invasive plant management plan to monitor and control noxious weeds.

d) Water resources impacts

Since the proposed action may result in impacts to water quality, we recommend that the EA identifies waters in the analysis area and vicinity that could be impacted, nature of the potential impacts, and pollutants likely to affect those waters. Please also assess whether the action would affect drinking water (quantity and quality) and sources or not. If these resources would be impacted, the EA will need to include information on contaminants of concern and measures to be taken to protect drinking water and related source areas, consistent with the 1996 amendments to the Safe Drinking Water Act.

According to the Government Accountability Office, the EPA and Department of Defense have detected elevated levels of two emerging contaminants found in firefighting foam, PFOS (Perfluorooctane sulfonate) and PFOA (Perfluorooctanoic acid), in drinking water at or near military installations.⁴ These contaminants may reduce training/readiness; restrict use of ranges; increase operation, maintenance, and cleanup costs; and divert important resources from mission needs. Therefore, we recommend that the EA include information about these emerging contaminants (e.g., PFOS, PFOA, perchlorate, RDX, and nitroglycerin), how they may pose human health and environmental risks within the analysis area, and actions to be taken to reduce such risks.

For water use and conservation, we encourage the NGB and USAF to include a discussion in the EA about conservation measures to implement to ensure sustainable water use during the proposed training program. The program design may include elements such as use of recycled water for landscaping, xeric landscaping, and water conservation education to maximize water conservation. For information on measures that can be taken, please consult the EPA's *Water Conservation Plan Guidelines*.⁵ The EA should discuss water reliability for the program, factoring in the effects of climate change.

If the proposed action would result in discharges and related effects on surface and groundwater quality, the EA would need to address these effects. If the action would be zero discharge, please include in the EA information about the amount of process water that would be disposed of onsite and explain methods of onsite containment. If evaporation ponds would be used for disposal of wastewater, indicate how

² https://www.epa.gov/sites/production/files/2014-04/documents/b_40cfr112.pdf

³ <https://www.epo.gov/fdsys/pkg/FR-2016-12-08/pdf/2016-29519.pdf>

⁴ <https://www.gao.gov/products/GAO-18-78#summary>

⁵ <https://www.epa.gov/watersense/water-conservation-plan-guidelines>

seepage into groundwater will be prevented. Identify the storm design containment capacity of ponds, explain how overflow in larger storm events will be managed, and discuss potential environmental impacts (drainage channels affected, water quality, biological resources) in the event of overflow. Disposal of wastewater or other fluids into the subsurface is also subject to the requirements of the Underground Injection Control Program and permits may be required, depending on project specifications and federal and/or state requirements.

Please note that under the Clean Water Act (CWA), any project construction that would disturb a land area of one or more acres also requires a National Pollutant Discharge Elimination System permit for discharges to waters of the United States. We recommend that the EA document the proposed action's consistency with applicable storm water permitting requirements and should discuss specific mitigation measures that may be necessary or beneficial in reducing adverse impacts to water quality.

Use of facilities and runways on the base may also compact the soil, thus changing hydrology, runoff characteristics, and affecting flows and delivery of pollutants to waterbodies and ecological function of the area. Therefore, we recommend that the EA include a detailed discussion of the cumulative effects from this and other projects on the hydrologic conditions of the analysis area. The document should clearly depict reasonably foreseeable direct, indirect, and cumulative impacts to groundwater and surface water resources. For groundwater, the potentially affected groundwater basin should be identified and any potential for subsidence and impacts to springs or other open waterbodies and biologic resources should be analyzed.

e) Aquatic resources and impacts

There may be aquatic resources within the analysis area. If there are, please describe all waters of the United States, including wetlands that could be affected by the proposed action and their locations in the analysis area, preferably using maps. Please also include in the EA data on acreages and channel lengths, habitat types, values, and functions of the waters and related wetlands. In case activities related to the proposed action would result in impacts to aquatic resources e.g., filling of wetland, then, the NGB and USAF would need to work with the U.S. Army Corps of Engineers to determine if the proposed action would need a CWA §404 permit.

Please also note that activities affecting floodplains are also regulated under the CWA §404, Executive Orders 11988, *Floodplain Management* and 13690, *Establishing a Federal Flood Risk Management Standard and a Process for Further Soliciting and Considering Stakeholder Input*. For impacts to floodplains, we recommend that the EA discuss why activities would need to be in floodplains, alternatives considered, and steps to be taken to reduce impacts to floodplains.

f) Habitat, vegetation, and wildlife species impacts

All potential military activities and associated impacts should be described with respect to their potential effects on wildlife and wildlife habitat areas. The EA should describe the current location, quality and capacity of habitat, its use by wildlife in the project area, and the potential to affect resident and migratory species. We recommend the EA compare the extent to which the various alternatives may impact or avoid impacts to wildlife. Impacts to consider should include disturbance, disruption of normal and necessary behaviors, such as, nesting, foraging/feeding, resting/roosting, rearing young, social interactions, dispersal, daily and seasonal movement/migration patterns, use of available habitat, predator/prey interactions, and so on. Include the potential for direct mortality or injury due to aircraft/wildlife collisions or other mishap.

As the proposed training program has the potential to impact birds, marine mammals, other wildlife and habitat, we recommend that the NGB and USAF work with the US Fish and Wildlife Service, and as appropriate, with each State Department of fish and wildlife to determine practices that would reduce risks and protect species and their habitat. Also, include the outcomes of work with those agencies and recommended measures to protect flora and fauna.

g) Endangered, Threatened, Candidate, Sensitive Species

Where proposed project activities could affect species listed under the Endangered Species Act, the NEPA analysis should include the Biological Assessment and the associated USFWS or National Oceanic and Atmospheric Administration Fisheries Biological Opinion or formal concurrence, and discuss how the NGB and USAF would contribute to the recovery of listed species. In addition to federally listed species, there may also be state listed species, candidate state or federal species, and other sensitive or declining species and their habitats in the project area. The NEPA document should disclose these sensitive species and habitats, and the analyses of the alternatives should explore all possible measures to avoid and minimize disturbance or harm to them.

The NEPA analysis should also demonstrate compliance with the Bald and Golden Eagle Protection Act, the Migratory Bird Treaty Act, and should address potential impacts to Western snowy plover, sage grouse, and any other species of concern identified by federal or state fish and wildlife agencies. The NEPA analysis should consider effects to the full array of species that use high value habitat that would potentially be affected such as the Malheur National Wildlife Refuge and other sensitive resources.

h) Cumulative and indirect effects

The proposed action should assess impacts over the entire area of impact and consider the effects of the proposed action when added to other past, present and reasonably foreseeable future projects in and outside the analysis area, including those by entities not affiliated with the NGB and USAF. Only by considering all actions together can one conclude what the impacts on environmental resources are likely to be. The EPA has issued guidance on how we are to provide comments on the assessment of cumulative impacts, *Consideration of Cumulative Impacts in EPA Review of NEPA Documents*.⁶ The guidance states that to assess the adequacy of the cumulative impacts assessment, there are five key areas to consider:

- Resources, if any, that are being cumulatively impacted.
- Appropriate geographic area and the time over which the effects have occurred and will occur.
- All past, present, and reasonably foreseeable future actions that have affected, are affecting, or would affect resources of concern.
- A benchmark or baseline.
- Scientifically defensible threshold levels.

Indirect effects, which must also be analyzed in the NEPA document, are those that are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable. Indirect effects may include additional development or other activity inducing effects and other effects related to induced changes in the pattern of land use, road systems and access, number and frequency of human visits/uses, and related effects on air and water and other natural systems, including ecosystems (40 CFR Part 1508.8).

⁶ <http://www.epa.gov/compliance/resources/policies/nepa/cumulative.pdf>

i) Public Participation and Environmental Justice

The NEPA process should effectively engage the public in dialogue about the proposed project and its potential environmental, social, historical, cultural, and economic impacts – both positive and negative. In compliance with NEPA and with the Executive Order 12898 on *Environmental Justice*, actions should be taken to conduct adequate public outreach and participation that ensures the public and Native American tribes truly understand the possible impacts to their communities and trust resources. Minority and/or low-income communities and tribes must be effectively informed, heard, and responded to regarding the project impacts and issues affecting their communities and natural and cultural resources. The information gathered from the public participation process and how this information is factored into decision-making should be disclosed in the NEPA document.

The EPA requests the following information from lead agencies, at a minimum, when reviewing NEPA documents to determine the adequacy of analysis:

- Describe the efforts that have/will be taken to inform the communities about the impacts of the project and to ensure “meaningful public participation” by the potentially affected communities/individuals.
- Identify low income and minority communities in the impact area(s) of the project.
- Disclose in the NEPA document what was heard from the community about the project during the public participation sessions by listing the impacts identified by the project proponent and the communities (perceived and real).
- Address whether these impacts are likely to occur and to whom, and evaluate all impacts for their potential to disproportionately impact low income and/or minority communities.
- Describe how what was heard from the public was/will be incorporated into the decisions made about the project (such as, the development of alternatives or choice of alternatives).
- Propose mitigation for the impacts that will or are likely to occur.

Public health and safety impacts and other impacts of concern to the public should be analyzed and disclosed in the NEPA document. The potential for disproportionate impacts and need for special consideration should extend to any vulnerable population, including the elderly, disabled, and children, as well as low income and minorities. The EJ populations can be located using the EJSCREEN tool.⁷

Climate Adaptation

The EPA recommends that the EA include a discussion of reasonably foreseeable effects that changes in the climate may have on the proposed program and the program area. This could help inform the development of measures to improve the resilience of the program. If projected changes could notably exacerbate the environmental impacts of the program, the EPA recommends these impacts also be considered as part of the NEPA analysis.

Coordination with Tribal Governments

Because the proposed action may affect tribes and their resources, we recommend that the EA describe the process and outcomes of government-to-government consultation between the NGB and USAF and tribal government(s) that would be affected by the training program, issues that were raised, if any, and how those issues were addressed. Executive Order 13175, *Consultation and Coordination with Indian Tribal Governments*, was issued to establish regular and meaningful consultation and collaboration with

⁷ <http://www.epa.gov/ejscreen>

tribal officials in the development of federal policies that have tribal implications, and to strengthen the U.S. government-to-government relationships with Indian tribes.⁸

Monitoring and Adaptive Management

The proposed action has the potential to impact a variety of resources for an extended period. As a result, we recommend that program be designed to include an environmental inspection and mitigation monitoring features to ensure compliance with all mitigation measures and to assess their effectiveness. We recommend the EA document describe the monitoring program and how it will be used as an effective feedback mechanism, such as through adaptive management, so that any needed adjustments can be made to the training program to meet environmental objectives throughout the life of the training program. This can help ensure that lessons learned from past training program practices at the Kingsley Field ANGB, combined with the need to account for new challenges such as climate change, can influence management of the proposed action and measures taken to reduce impacts.

⁸ <https://www.epa.gov/laws-regulations/summary-executive-order-13175-consultation-and-coordination-indian-tribal>

From: Skip Canfield
To: [REDACTED]
Cc: [REDACTED]
Subject: [Non-DoD Source] State Agency Comments E2019-032 Training Modifications - Kingsley Field National Guard - Affects N Washoe County Airspace
Date: Tuesday, October 2, 2018 9:35:01 AM
Attachments: [image001.png](#)
[E2019-032 NDOW \(Training Modifications - Kingsley Field National Guard -pdf](#)
[E2019-032 SHPO \(Training Modifications - Kingsley Field National Guard -pdf](#)

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

The Nevada State Clearinghouse received the attached comments regarding the Training Modifications - Kingsley Field National Guard;
Caution-<http://clearinghouse.nv.gov/public/Notice/2019/E2019-032.pdf> < Caution-<http://clearinghouse.nv.gov/public/Notice/2019/E2019-032.pdf> >

Skip Canfield
Nevada State Clearinghouse
State Land Use Planning Agency
901 S. Stewart Street, Suite 5003
Carson City, NV 89701-5246



Caution-
<http://clearinghouse.nv.gov> < Caution-
<http://clearinghouse.nv.gov> >

⌚ Mon-Fri 8:00am-5:00pm



E2019-032 (Training Modifications - Kingsley Field National Guard - Affects N Washoe County
Airspace)

Please find below two recommendations:

- To reduce the noise impacts to sage-grouse, we recommended avoiding overflights in the Priority Habitat Management Areas (<http://sagebrushco.nv.gov/uploadedFiles/sagebrushconvgov/content/HSM/Dec%202015%20Management%20Category%20Map.pdf> or for shapfiles go to http://sagebrushco.nv.gov/HSM/Habitat_Suitability_Modeling_and_Work_Products/ and click on the link below "Nevada Maps Spatial Data") during the breeding season (March 1 – May 15) when flying in Nevada (similar to the "Core" areas that are being avoided in Oregon).
- We support your efforts to not release chaff and flares below 5,000 ft above ground level in an effort to prevent wildfires. In Nevada, even though similar Best Management Practices have been instituted, the military has ignited wildfires using such defensive countermeasures resulting in wildfires and lost habitat. We recommend that if such an incident occurs, there is wildfire rehabilitation funding provided to fully rehabilitate the burned area.

Thank you,
Mark



Mark Freese, Habitat Biologist
Nevada Department of Wildlife
1100 Valley Road
Reno, Nevada 89512

Support Nevada's Wildlife...Buy a Hunting and Fishing License

E2019-032 (Training Modifications - Kingsley Field National Guard - Affects N Washoe County
Airspace)

The Nevada SHPO has reviewed the notification. The SHPO recommends that the National
Guard consult with Native American Tribes to determine if the proposed undertaking will pose
an effect to historic properties of traditional religious and cultural significance in Nevada.

Regards,

Rebecca Lynn Palmer
State Historic Preservation Officer
901 South Stewart Street, Suite 5004
Carson City NV 89701
[REDACTED]



From: GRIFFIN Dennis * OPRD
To: [REDACTED]
Subject: [Non-DoD Source] SHPO Case Nbr SHPO Case No.: 18-1484, US Air Force, Kingsley Field Air National Guard Base, Flight Missions
Date: Tuesday, October 2, 2018 3:25:19 PM
Attachments: SHPO Response Letter Case Nbr SHPO Case No. 18-1484.pdf

Please find the SHPO's response to your request for comment on cultural resources at the above-identified project. This attachment serves as your file copy. If you have any questions, please feel free to contact me.

\ Dennis /

Dennis Griffin, Ph.D.
State Archaeologist
State Historic Preservation Office
725 Summer Street NE, Suite C
Salem, OR 97301





Oregon

Kate Brown, Governor

Parks and Recreation Department

State Historic Preservation Office

725 Summer St NE Ste C

Salem, OR 97301-1266

Phone (503) 986-0690

Fax (503) 986-0793

www.oregonheritage.org



October 2, 2018

Joseph Young, Environmental Manager
Dept of Air Force
Kingsley Field, OR

RE: SHPO Case No. 18-1484

US Air Force, Kingsley Field Air National Guard Base, Flight Missions

2000 ADAIR flights

Multiple legals

Dear Young:

Our office has recently received a letter from your agency requesting concurrence regarding your Area of Potential Effect (APE) boundaries for the project referenced above. We have read through your letter and attached maps and see little problem with the APE that you propose. However, we would like to bring to your attention a couple of concerns regarding the project that should be considered during its development stage.

1). It is important to consult early with all federally recognized tribes with an interest in the lands falling within your project's proposed APE. Our office is aware of several Traditional Cultural Properties (TCPs) within this large area and are sure that others exist that our office has not been informed of. The maneuvers that you note in your project outline have the potential to adversely affect tribal use of such sites so that consultation with local tribes early will assist your office in understanding any potential effect that could result so that your project can be designed in such a way to be both effective to your mission while be respectful to tribal sacred sites.

2). You mention the release of chaff from all proposed flights. What exactly does chaff consist of? Our office is concerned with the dispersment of material across such a large area that might in the future be construed as archaeological artifacts leading to unnecessary levels of survey and evaluation on land managers of lands directly below your exercises. Is the chaff something that will quickly deteriorate or will materials remain on the ground to later be found and identified during future archaeological surveys? Any clarification regarding the composition of such 'chaff' would be appreciated.

Aside from the above concerns, our office concurs with the proposed project's APE boundaries. Our office looks forward to receiving a copy of the project's later assessment once it has been completed. If you have any questions or comments regarding this letter, please do not hesitate to contact me. In order to help us track your project accurately, please be sure to reference the SHPO case number above in all correspondence.

Sincerely,

Dennis Griffin, Ph.D., RPA
State Archaeologist

██████████
██████████

From: Kristen Brown
To: [REDACTED]
Subject: [Non-DoD Source] SHPO letter
Date: Wednesday, October 3, 2018 5:12:38 PM
Attachments: [USAF Adversary Air Support 10.3.18.pdf](#)

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

Hello,

Attached is a scan of the letter that will go out in tomorrow's mail.

Thanks,

Kristen Brown

Review & Compliance Architectural Historian
Nevada State Historic Preservation Office
901 South Stewart Street, Suite 5004
Carson City NV 89701

[REDACTED]



Your opinion matters, take our second preservation plan survey [here](https://www.surveymonkey.com/r/NVSHPOsurvey2) < Caution-
<https://www.surveymonkey.com/r/NVSHPOsurvey2> >



NEVADA
**STATE HISTORIC
PRESERVATION OFFICE**

Department of Conservation and Natural Resources

Brian Sandoval, Governor
Bradley Crowell, Director
Rebecca L. Palmer, Administrator, SHPO

October 3, 2018

Captain Joseph A. Young, 173FW/CEV
Department of the Air Force
Kingsley Field Oregon
221 Wagner Street, Ste. 99
Kingsley Field, Klamath Falls, Oregon 97603

Re: US Air Force Contract to Adversary Air Support
Undertaking #2018-5640

Dear Captain Young:

The Nevada State Historic Preservation Office (SHPO) has reviewed the subject documents received September 4, 2018 in accordance with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended.

Project Description

The SHPO understands this undertaking, as it occurs within the boundaries of Nevada, to be the use of airspace for training activities by Adversary Air via a Combat U.S Air Force (Air Force) contract for the Kingsley Field Air National Guard Base in Oregon.

Area of Potential Effect (APE)

The SHPO notes that the four airspaces that extend into Nevada (Harts B, D, E, and F) are all designated for sorties occurring at over 11,000 feet. Our office would support an Air Force determination that all effects as a result of this undertaking within the boundaries of the State of Nevada will be contained within the identified airspace as illustrated in "Figure 3. Special Use Airspace Proposed for Contract Adversary Air Sorties."

This APE would appear to account all potential direct, indirect, and cumulative effects that may result from this undertaking in keeping with 36 CFR §800.4(a)(1) and 36 CFR §800.16(d).

Consultation with Interested Parties

The SHPO reminds the Air Force that the agency must consult with Native American tribes concerning properties of religious and/or cultural significance that could be affected by the undertaking per 36 CFR §800.4(a)(4). In addition, the agency must consult with the public and representatives of organizations that have a demonstrated interest in historic properties per 36 CFR §800.2(c)(5).

What efforts have been made to provide these representatives with an opportunity to comment on this undertaking? In order to maintain a complete and accurate record of consultation, please forward a brief narrative summary of the results of this consultation to our office so this may be added to the administrative record for this undertaking.

901 S. Stewart Street, Suite 5004 ✦ Carson City, Nevada 89701 ✦ Phone: 775.684.3448 Fax: 775.684.3442

www.shpo.nv.gov

Captain Joseph A. Young
October 3, 2018
Page 2 of 2

Identification Effort for Historic Properties

What efforts are proposed by the Air Force for the identification of historic properties that may be affected by this undertaking?

Should you have any questions concerning this correspondence, please contact Jessica Axsom at [REDACTED] or SHPO staff architectural historian Kristen Brown at [REDACTED].

Sincerely,



Robin K. Reed
Deputy State Historic Preservation Officer

24266

From: Austin, Terry
To: [REDACTED]
Cc: [REDACTED]
Subject: [Non-DoD Source] BLM Comments on ADAIR flights proposal
Date: Friday, October 5, 2018 3:55:19 PM
Attachments: [20181005_BLMcomments_ADAIR_Kingsley_Field.pdf](#)

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

Please accept the attached comment letter from the Lakeview District BLM.

Hard copy letter was mailed today.

Thank you for the opportunity to comment. ~Terry

Terry Austin
Planning & Environmental Coordinator
Klamath Falls Resource Area, Lakeview District BLM

[REDACTED]



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Lakeview District Office
1301 South G Street, Lakeview, OR 97630
www.blm.gov/lakeview

October 5, 2018

Captain Joseph Young
173FW/CEV
221 Wagner Street STE99, Kingsley Field
Klamath Falls, OR 97603
[REDACTED]

Dear Captain Young:

Thank you for the opportunity to comment on your August 28, 2018 proposal for ADAIR flights out of Kingsley Field. Your proposal states that training activities would use airspace near Kingsley ANGB that overlie northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California.

The Bureau of Land Management (BLM) has specific concerns regarding the proposed use of flares dispensed by military aircraft as part of your proposed ADAIR flights. As you are aware, within the last two years, there have been several recent wildfires within the Lakeview District BLM lands and surrounding areas that were ignited by flares associated with ADAIR flights.

These recent flare-ignited wildfires impacted very important sensitive resources, including prime sage grouse habitat, and were close to recreation areas during the summer months at the height of fire season. In addition, the BLM is concerned about the cost of wildfire suppression. If flare-ignited wildfires continue to occur from the proposed ADAIR flights, BLM may request restoration activities or restitution.

The BLM would like to work closely with you regarding the timing and location of flare activities. We appreciate that your proposal states that flares will not be "deployed in MOAs below 5,000 feet above ground level to negate the potential for the ignition of wildland fires and minimize the impacts to public safety." However, there is still a risk of wildfire due to the potential for equipment malfunction during the height of fire season.

We appreciate the opportunity to work with you to reduce wildfire risk on BLM lands. Please contact me at [REDACTED] with any questions or concerns.

Sincerely,

J. Todd Forbes
District Manager



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
West Coast Region
1655 Heindon Road
Arcata, California 95521-4573

SEP 20 2018

In response refer to:
10012WCR2018AR00017

Captain Joseph A. Young
Department of the Air Force, 173D Fighter Wing
173FW/CEV, 221 Wagner Street STE99, Kingsley Field
Klamath Falls, OR 97603

RE: Request for Information on Potential Effects to Protected Resources

Dear Captain Young,

On September 4, 2018, NOAA's National Marine Fisheries Service (NMFS) received your letter requesting information on the potential effects of the proposed Air Force's contract Adversary Air (ADAIR) support activities on protected resources or sensitive marine resources. The Proposed Action would provide contracted support for the necessary capability and capacity to employ adversary tactics across the combat training spectrum based in Kingsley Field Air National Guard Base (ANGB), located in Oregon.

The Proposed Action would involve existing facilities at Kingsley Field, and training activities would use airspace near Kingsley ANGB that overlies northern California, northwest Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California.

NMFS is not aware of any information indicating the Proposed Action will have an effect on species or habitats under NMFS' jurisdiction pursuant to the Endangered Species Act, Marine Mammal Protection Act, and Magnuson-Stevens Fisheries Conservation and Management Act.

Thank you for your coordination and interest in supporting the preservation of protected species and sensitive marine habitats. If you have further questions, please contact Mr. Jim Simondet at [REDACTED]

Sincerely,

Lisa Van Atta
Assistant Regional Administrator
California Coastal Area Office





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10

1200 Sixth Avenue, Suite 155
Seattle, WA 98101-3123

OFFICE OF
ENVIRONMENTAL REVIEW
AND ASSESSMENT

October 2, 2018

Captain Joseph Young, Environmental Office Manager
Department of the Air Force
173rd Fighter Wing/CEV
221 Wagner Street, Suite 99
Kingsley Field
Klamath Falls, Oregon 97603

Dear Captain Young:

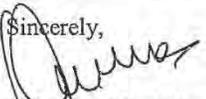
The U.S. Environmental Protection Agency has reviewed the National Guard Bureau, the US Air Force, and Headquarters Air Combat Command announcement to prepare an Environmental Assessment for the proposed Combat Air Forces Contract Adversary Air support project (EPA Region 10 Project Number 18-0058-UAF) at Kingsley Field Air National Guard Base in Klamath Falls, Oregon. The EPA comments are provided pursuant to the National Environmental Policy Act, Council on Environmental Quality regulations (40 CFR §§ 1500-1508), and Section 309 of the Clean Air Act. Thank you for informing us of your proposed action.

According to the August 28, 2018 request for scoping comments announcement, the National Guard Bureau and the US Air Force are proposing to evaluate the potential environmental impacts associated with contracting support of up to 2,000 annual sorties for Combat Air Forces training. This action would involve stationing up to six contractor aircraft and crew at Kingsley Field ANGB. The aircraft would be using the airspace over the base out to northern California, northwestern Nevada and Oregon, and the Pacific Ocean off the coasts of Oregon and northern California. The proposed action is needed to address shortfalls in combat readiness and capability, especially capacity to employ adversary tactics.

We appreciate the opportunity to provide early input and support the NGB and USAF decision to include scoping as a step in the EA process for the proposed action. In addition to the preliminary list of issues and resources that will be addressed in the EA, we offer the attached comments to highlight the issues that we believe are important to consider in the NEPA analysis. Because the flights would cross multiple states, we recommend that the issues and impacts related to affected resources in each state be fully analyzed and that mitigation measures be incorporated. If the analysis reveals that significant impacts would result from the proposed action, then we recommend the NGB and USAF consider preparing an Environmental Impact Statement rather than an EA.

Thank you for the opportunity to provide scoping comments on this project. If you have questions about our comments, please contact me at [REDACTED] or electronically at [REDACTED].

Sincerely,


Theogene Mbabaliye, NEPA Reviewer
Environmental Review and Sediment Management Unit

**EPA Scoping Comments on the proposed
Combat Air Forces Contract ADAIR Support Project
Kingsley Field Air National Guard Base, OR**

Range and Comparison of Alternatives

We recommend that the EA include a range of reasonable alternatives that meet the stated purpose and need for the proposed action and that are responsive to the issues identified during the scoping process. The CEQ recommends that all reasonable alternatives should be considered, even if some of them could be outside the capability of the applicant or the jurisdiction of the agency. The environmental impacts of the proposal and alternatives should also be presented in comparative form, thus sharply defining the issues and providing a clear basis for choice among options by the decision maker and the public. The potential impacts of each alternative should be quantified to the greatest extent possible. It would also be useful to list each alternative action's impacts and corresponding mitigation measures. The EPA encourages selection of reasonable alternatives that will minimize environmental degradation.

Environmental Effects

The EA document should include the environmental effects of the proposed action on natural resources and any necessary mitigation measures to reduce or cancel those effects. This would involve the delineation and description of the affected environment or analysis area, indication of the impacted resources, the nature of the impacts, and proposed mitigation measures to reduce those impacts. We recommend that providing adequate information in the EA on the following topics would be especially helpful for decision makers and the public.

a) Air Quality Impacts

Because the proposed action may result in impacts on air quality, we recommend that the EA include a detailed discussion of ambient air conditions (baseline or existing conditions), National Ambient Air Quality Standards (NAAQS), and criteria pollutant non-attainment areas in the analysis area and vicinity, if applicable. Please estimate emissions of criteria pollutants for the analysis area and discuss the timeframe for release of these emissions from construction through the lifespan of the proposed training program. For estimation of emissions, it would be helpful to specify all emission sources and quantify related emissions. Such an evaluation is necessary to assure compliance with affected States and federal air quality regulations, and to disclose the potential impacts from temporary or cumulative degradation of air quality. We recommend that the EA include the following:

- Detailed information about ambient air conditions, NAAQS, and criteria pollutant non-attainment areas in all areas considered for the airport and adjacent areas.
- Data on emissions of criteria pollutants from the proposed action and discuss the timeframe for release of these emissions.
- Specific information about pollutant from mobile sources, stationary sources, and ground disturbance. This source specific information should be used to identify appropriate mitigation measures and areas in need of the greatest attention.
- An Equipment Emissions Mitigation Plan that identifies actions to reduce diesel particulate, carbon monoxide, hydrocarbons, and NOx associated with the flying missions.

Please also consider identifying the potential effects from air pollutants, including air toxics, to military personnel, ground crews, nearby residents, businesses, and any sensitive receptor locations, such as,

schools, medical facilities, senior centers and residences, daycare centers, outdoor recreation areas (e.g., parks).

b) Noise and disturbance effects

The Kingsley Field ANGB currently experiences noise and other flight-related disturbance to communities, which variously affects residents, visitors, schools, businesses, recreation areas and activities, natural areas and wildlife. We note from the proposed action description that, “contract ADAIR flights would occur between 10:00 pm to 7:00 am when the effects of aircraft noise are accentuated.” Therefore, we recommend that the EA address the direct, indirect, and cumulative effects from aircraft and other equipment noise and disturbance that would potentially result for both human and wildlife communities. We encourage the NGB and USAF to consider including in the EA analysis the following elements:

- Identification of the geographic location and area affected by the proposed training program and related operations.
- Any differences in intensity/severity of effects with respect to the updated and additional air traffic, including height above ground and height above sea level for all effects.
- Any new effects on previously undisturbed areas and cumulative/increased effects (increased frequency, severity) on areas currently within the analysis area.
- Effects on birds and overall effects on habitat quality/suitability for nesting, rearing, foraging, roosting, particularly within important habitat/concentration areas, such as, Wildlife Refuges, Natural Areas/Key Conservation Sites, and other important habitat, and on threatened, endangered, candidate, sensitive, and other species of concern listed by Federal or State fish and wildlife agencies.
- Effects on other terrestrial or aquatic wildlife species, including marine mammals. For affected species and habitats, disclose the area, location, and accessibility of any remaining intact habitats and refugia currently unaffected by flights from and to Kingsley Field ANGB.
- Effects on children’s health and safety, including effects of noise/disturbance on school and other learning facilities, outdoor recreation areas, and other sensitive locales. See Executive Order 13045.¹
- Effects on other vulnerable/disadvantaged populations, including minorities, low income, elderly, disabled, and Native Americans.
- Effects on quality of life, recreation activities, and quietude. Churches and other community gathering environments may be affected by new or increased noise and frequency of military flights.
- Indirect and cumulative effects on sensitive human and non-human animal receptors.

c) Solid Waste, Hazardous Materials and Wastewater Management

As the proposed action may result in direct, indirect, and cumulative impacts due to use of hazardous and non-hazardous materials, we recommend that the EA address these impacts. Hazardous materials such as compressed gas, petroleum products, and others may be used and/or stored in the community or at the base. Although their proper management is presumed to be safe, concerns remain about the possibility of accidents resulting in the release of hazardous materials to the environment. If that is

¹ <https://www.epa.gov/children/executive-order-13045-protection-children-environmental-health-risks-and-safety-risks>

possible, we recommend that the EA describe measures that would be taken to minimize the chances of such an accident, and emergency response measures that would be taken should an accident occur.

Please also address the applicability of state and federal hazardous materials, pollution prevention, and solid waste requirements, and appropriate mitigation measures to prevent and minimize the generation of solid and hazardous materials. Consistent with the NGB and USAF's guidelines and EPA regulations (40 CFR 112), there may be a need to prepare and implement a Spill Prevention, Control, and Countermeasure (SPCC).² We recommend that information addressing such SPCC be included in the EA document, if applicable.

If any pesticides and herbicides will be used during the training program, then the EA would need to address any potential toxic hazards related to the application of the chemicals, and describe what actions will be taken to assure that impacts by toxic substances released to the environment will be minimized. See Executive Order 13112³. We recommend the EA to include a program design feature that calls for the development of an invasive plant management plan to monitor and control noxious weeds.

d) Water resources impacts

Since the proposed action may result in impacts to water quality, we recommend that the EA identifies waters in the analysis area and vicinity that could be impacted, nature of the potential impacts, and pollutants likely to affect those waters. Please also assess whether the action would affect drinking water (quantity and quality) and sources or not. If these resources would be impacted, the EA will need to include information on contaminants of concern and measures to be taken to protect drinking water and related source areas, consistent with the 1996 amendments to the Safe Drinking Water Act.

According to the Government Accountability Office, the EPA and Department of Defense have detected elevated levels of two emerging contaminants found in firefighting foam, PFOS (Perfluorooctane sulfonate) and PFOA (Perfluorooctanoic acid), in drinking water at or near military installations.⁴ These contaminants may reduce training/readiness; restrict use of ranges; increase operation, maintenance, and cleanup costs; and divert important resources from mission needs. Therefore, we recommend that the EA include information about these emerging contaminants (e.g., PFOS, PFOA, perchlorate, RDX, and nitroglycerin), how they may pose human health and environmental risks within the analysis area, and actions to be taken to reduce such risks.

For water use and conservation, we encourage the NGB and USAF to include a discussion in the EA about conservation measures to implement to ensure sustainable water use during the proposed training program. The program design may include elements such as use of recycled water for landscaping, xeric landscaping, and water conservation education to maximize water conservation. For information on measures that can be taken, please consult the EPA's *Water Conservation Plan Guidelines*.⁵ The EA should discuss water reliability for the program, factoring in the effects of climate change.

If the proposed action would result in discharges and related effects on surface and groundwater quality, the EA would need to address these effects. If the action would be zero discharge, please include in the EA information about the amount of process water that would be disposed of onsite and explain methods of onsite containment. If evaporation ponds would be used for disposal of wastewater, indicate how

² https://www.epa.gov/sites/production/files/2014-04/documents/b_40cfr112.pdf

³ <https://www.gpo.gov/fdsys/pkg/FR-2016-12-08/pdf/2016-29519.pdf>

⁴ <https://www.gao.gov/products/GAO-18-78#summary>

⁵ <https://www.epa.gov/watersense/water-conservation-plan-guidelines>

seepage into groundwater will be prevented. Identify the storm design containment capacity of ponds, explain how overflow in larger storm events will be managed, and discuss potential environmental impacts (drainage channels affected, water quality, biological resources) in the event of overflow. Disposal of wastewater or other fluids into the subsurface is also subject to the requirements of the Underground Injection Control Program and permits may be required, depending on project specifications and federal and/or state requirements.

Please note that under the Clean Water Act (CWA), any project construction that would disturb a land area of one or more acres also requires a National Pollutant Discharge Elimination System permit for discharges to waters of the United States. We recommend that the EA document the proposed action's consistency with applicable storm water permitting requirements and should discuss specific mitigation measures that may be necessary or beneficial in reducing adverse impacts to water quality.

Use of facilities and runways on the base may also compact the soil, thus changing hydrology, runoff characteristics, and affecting flows and delivery of pollutants to waterbodies and ecological function of the area. Therefore, we recommend that the EA include a detailed discussion of the cumulative effects from this and other projects on the hydrologic conditions of the analysis area. The document should clearly depict reasonably foreseeable direct, indirect, and cumulative impacts to groundwater and surface water resources. For groundwater, the potentially affected groundwater basin should be identified and any potential for subsidence and impacts to springs or other open waterbodies and biologic resources should be analyzed.

e) Aquatic resources and impacts

There may be aquatic resources within the analysis area. If there are, please describe all waters of the United States, including wetlands that could be affected by the proposed action and their locations in the analysis area, preferably using maps. Please also include in the EA data on acreages and channel lengths, habitat types, values, and functions of the waters and related wetlands. In case activities related to the proposed action would result in impacts to aquatic resources e.g., filling of wetland, then, the NGB and USAF would need to work with the U.S. Army Corps of Engineers to determine if the proposed action would need a CWA §404 permit.

Please also note that activities affecting floodplains are also regulated under the CWA §404, Executive Orders 11988, *Floodplain Management* and 13690, *Establishing a Federal Flood Risk Management Standard and a Process for Further Soliciting and Considering Stakeholder Input*. For impacts to floodplains, we recommend that the EA discuss why activities would need to be in floodplains, alternatives considered, and steps to be taken to reduce impacts to floodplains.

f) Habitat, vegetation, and wildlife species impacts

All potential military activities and associated impacts should be described with respect to their potential effects on wildlife and wildlife habitat areas. The EA should describe the current location, quality and capacity of habitat, its use by wildlife in the project area, and the potential to affect resident and migratory species. We recommend the EA compare the extent to which the various alternatives may impact or avoid impacts to wildlife. Impacts to consider should include disturbance, disruption of normal and necessary behaviors, such as, nesting, foraging/feeding, resting/roosting, rearing young, social interactions, dispersal, daily and seasonal movement/migration patterns, use of available habitat, predator/prey interactions, and so on. Include the potential for direct mortality or injury due to aircraft/wildlife collisions or other mishap.

As the proposed training program has the potential to impact birds, marine mammals, other wildlife and habitat, we recommend that the NGB and USAF work with the US Fish and Wildlife Service, and as appropriate, with each State Department of fish and wildlife to determine practices that would reduce risks and protect species and their habitat. Also, include the outcomes of work with those agencies and recommended measures to protect flora and fauna.

g) Endangered, Threatened, Candidate, Sensitive Species

Where proposed project activities could affect species listed under the Endangered Species Act, the NEPA analysis should include the Biological Assessment and the associated USFWS or National Oceanic and Atmospheric Administration Fisheries Biological Opinion or formal concurrence, and discuss how the NGB and USAF would contribute to the recovery of listed species. In addition to federally listed species, there may also be state listed species, candidate state or federal species, and other sensitive or declining species and their habitats in the project area. The NEPA document should disclose these sensitive species and habitats, and the analyses of the alternatives should explore all possible measures to avoid and minimize disturbance or harm to them.

The NEPA analysis should also demonstrate compliance with the Bald and Golden Eagle Protection Act, the Migratory Bird Treaty Act, and should address potential impacts to Western snowy plover, sage grouse, and any other species of concern identified by federal or state fish and wildlife agencies. The NEPA analysis should consider effects to the full array of species that use high value habitat that would potentially be affected such as the Malheur National Wildlife Refuge and other sensitive resources.

h) Cumulative and indirect effects

The proposed action should assess impacts over the entire area of impact and consider the effects of the proposed action when added to other past, present and reasonably foreseeable future projects in and outside the analysis area, including those by entities not affiliated with the NGB and USAF. Only by considering all actions together can one conclude what the impacts on environmental resources are likely to be. The EPA has issued guidance on how we are to provide comments on the assessment of cumulative impacts, *Consideration of Cumulative Impacts in EPA Review of NEPA Documents*.⁶ The guidance states that to assess the adequacy of the cumulative impacts assessment, there are five key areas to consider:

- Resources, if any, that are being cumulatively impacted.
- Appropriate geographic area and the time over which the effects have occurred and will occur.
- All past, present, and reasonably foreseeable future actions that have affected, are affecting, or would affect resources of concern.
- A benchmark or baseline.
- Scientifically defensible threshold levels.

Indirect effects, which must also be analyzed in the NEPA document, are those that are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable. Indirect effects may include additional development or other activity inducing effects and other effects related to induced changes in the pattern of land use, road systems and access, number and frequency of human visits/uses, and related effects on air and water and other natural systems, including ecosystems (40 CFR Part 1508.8).

⁶ <http://www.epa.gov/compliance/resources/policies/nepa/cumulative.pdf>

i) Public Participation and Environmental Justice

The NEPA process should effectively engage the public in dialogue about the proposed project and its potential environmental, social, historical, cultural, and economic impacts – both positive and negative. In compliance with NEPA and with the Executive Order 12898 on *Environmental Justice*, actions should be taken to conduct adequate public outreach and participation that ensures the public and Native American tribes truly understand the possible impacts to their communities and trust resources. Minority and/or low-income communities and tribes must be effectively informed, heard, and responded to regarding the project impacts and issues affecting their communities and natural and cultural resources. The information gathered from the public participation process and how this information is factored into decision-making should be disclosed in the NEPA document.

The EPA requests the following information from lead agencies, at a minimum, when reviewing NEPA documents to determine the adequacy of analysis:

- Describe the efforts that have/will be taken to inform the communities about the impacts of the project and to ensure “meaningful public participation” by the potentially affected communities/individuals.
- Identify low income and minority communities in the impact area(s) of the project.
- Disclose in the NEPA document what was heard from the community about the project during the public participation sessions by listing the impacts identified by the project proponent and the communities (perceived and real).
- Address whether these impacts are likely to occur and to whom, and evaluate all impacts for their potential to disproportionately impact low income and/or minority communities.
- Describe how what was heard from the public was/will be incorporated into the decisions made about the project (such as, the development of alternatives or choice of alternatives).
- Propose mitigation for the impacts that will or are likely to occur.

Public health and safety impacts and other impacts of concern to the public should be analyzed and disclosed in the NEPA document. The potential for disproportionate impacts and need for special consideration should extend to any vulnerable population, including the elderly, disabled, and children, as well as low income and minorities. The EJ populations can be located using the EJSCREEN tool.⁷

Climate Adaptation

The EPA recommends that the EA include a discussion of reasonably foreseeable effects that changes in the climate may have on the proposed program and the program area. This could help inform the development of measures to improve the resilience of the program. If projected changes could notably exacerbate the environmental impacts of the program, the EPA recommends these impacts also be considered as part of the NEPA analysis.

Coordination with Tribal Governments

Because the proposed action may affect tribes and their resources, we recommend that the EA describe the process and outcomes of government-to-government consultation between the NGB and USAF and tribal government(s) that would be affected by the training program, issues that were raised, if any, and how those issues were addressed. Executive Order 13175, *Consultation and Coordination with Indian Tribal Governments*, was issued to establish regular and meaningful consultation and collaboration with

⁷ <http://www.epa.gov/ejscreen>

tribal officials in the development of federal policies that have tribal implications, and to strengthen the U.S. government-to-government relationships with Indian tribes.⁸

Monitoring and Adaptive Management

The proposed action has the potential to impact a variety of resources for an extended period. As a result, we recommend that program be designed to include an environmental inspection and mitigation monitoring features to ensure compliance with all mitigation measures and to assess their effectiveness. We recommend the EA document describe the monitoring program and how it will be used as an effective feedback mechanism, such as through adaptive management, so that any needed adjustments can be made to the training program to meet environmental objectives throughout the life of the training program. This can help ensure that lessons learned from past training program practices at the Kingsley Field ANGB, combined with the need to account for new challenges such as climate change, can influence management of the proposed action and measures taken to reduce impacts.

⁸ <https://www.epa.gov/laws-regulations/summary-executive-order-13175-consultation-and-coordination-indian-tribal>



Oregon

Kate Brown, Governor

Department of Fish and Wildlife
Klamath-Malheur Watershed District Office
Klamath Wildlife Area
1850 Miller Island Rd.
Klamath Falls, Oregon 97603
(541) 883-5732
FAX (541) 883-5521



Captain Joseph Young
173FW/CEV
221 Wagner Street STE99
Kingsley Field
Klamath Falls, OR 97603

Dear Captain Young:

The Oregon Department of Fish and Wildlife (ODFW) has reviewed the Description of Proposed Action and Alternatives Summary for Kingsley Field Combat Air Force Adversary Air in preparations for the Environmental Assessment (EA) requirements to meet the National Environmental Policy Act (NEPA) standards.

ODFW's main concerns are the potential for flares to cause fires in sage-grouse habitat in the Juniper/Hart Military Operations Areas (MOAs), however, we believe the 5,000 feet restriction would satisfy our concerns if implemented.

Thank you for the opportunity to provide comment on the proposed actions of the National Guard Bureau, the U.S. Air Force, and Headquarters Air Combat Command.

Sincerely,

Trevor Watson
Klamath and Malheur Watershed District Manager
Oregon Department of Fish and Wildlife

From: Skip Canfield
To: [REDACTED]
Cc: [REDACTED]
Subject: [Non-DoD Source] State Agency Comments E2019-032 Training Modifications - Kingsley Field National Guard - Affects N Washoe County Airspace
Date: Tuesday, October 2, 2018 9:35:01 AM
Attachments: [REDACTED]

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

The Nevada State Clearinghouse received the attached comments regarding the Training Modifications - Kingsley Field National Guard;
Caution-<http://clearinghouse.nv.gov/public/Notice/2019/E2019-032.pdf> < Caution-<http://clearinghouse.nv.gov/public/Notice/2019/E2019-032.pdf> >

Skip Canfield
Nevada State Clearinghouse
State Land Use Planning Agency
901 S. Stewart Street, Suite 5003
Carson City, NV 89701-5246

[REDACTED] Caution-
[REDACTED] >

Caution-
<http://clearinghouse.nv.gov> < Caution-
<http://clearinghouse.nv.gov> >

🕒 Mon-Fri 8:00am-5:00pm



E2019-032 (Training Modifications - Kingsley Field National Guard - Affects N Washoe County
Airspace)

Please find below two recommendations:

- To reduce the noise impacts to sage-grouse, we recommended avoiding overflights in the Priority Habitat Management Areas (<http://sagebrusheco.nv.gov/uploadedFiles/sagebrusheconvgov/content/HSM/Dec%202015%20Management%20Category%20Map.pdf> or for shapefiles go to http://sagebrusheco.nv.gov/HSM/Habitat_Suitability_Modeling_and_Work_Products/ and click on the link below "Nevada Maps Spatial Data") during the breeding season (March 1 – May 15) when flying in Nevada (similar to the "Core" areas that are being avoided in Oregon).
- We support your efforts to not release chaff and flares below 5,000 ft above ground level in an effort to prevent wildfires. In Nevada, even though similar Best Management Practices have been instituted, the military has ignited wildfires using such defensive countermeasures resulting in wildfires and lost habitat. We recommend that if such an incident occurs, there is wildfire rehabilitation funding provided to fully rehabilitate the burned area.

Thank you,
Mark



Mark Freese, Habitat Biologist
Nevada Department of Wildlife
1100 Valley Road
Reno, Nevada 89512

Support Nevada's Wildlife... Buy a Hunting and Fishing License

E2019-032 (Training Modifications - Kingsley Field National Guard - Affects N Washoe County
Airspace)

The Nevada SHPO has reviewed the notification. The SHPO recommends that the National
Guard consult with Native American Tribes to determine if the proposed undertaking will pose
an effect to historic properties of traditional religious and cultural significance in Nevada.

Regards,

Rebecca Lynn Palmer
State Historic Preservation Officer
901 South Stewart Street, Suite 5004
Carson City NV 89701
[REDACTED]





Oregon
EUREKA, CLATSOP

Parks and Recreation Department

State Historical Preservation Office

Summer Street, 5th C

Salem, OR 97301-1266

Phone (503) 986-0886

Fax (503) 986-0799

www.oregonheritage.org



October 2, 2018

Joseph Young, Environmental Manager
Dept of Air Force
Kingsley Field, OR

RE: SHPO Case No. 18-1484

US Air Force, Kingsley Field Air National Guard Base, Flight Missions

2000 ADAIR flights

Multiple legals

Dear Young:

Our office has recently received a letter from your agency requesting concurrence regarding your Area of Potential Effect (APE) boundaries for the project referenced above. We have read through your letter and attached maps and see little problem with the APE that you propose. However, we would like to bring to your attention a couple of concerns regarding the project that should be considered during its development stage.

1). It is important to consult early with all federally recognized tribes with an interest in the lands falling within your project's proposed APE. Our office is aware of several Traditional Cultural Properties (TCPs) within this large area and are sure that others exist that our office has not been informed of. The maneuvers that you note in your project outline have the potential to adversely affect tribal use of such sites so that consultation with local tribes early will assist your office in understanding any potential effect that could result so that your project can be designed in such a way to be both effective to your mission while be respectful to tribal sacred sites.

2). You mention the release of chaff from all proposed flights. What exactly does chaff consist of? Our office is concerned with the dispersment of material across such a large area that might in the future be construed as archaeological artifacts leading to unnecessary levels of survey and evaluation on land managers of lands directly below your exercises. Is the chaff something that will quickly deteriorate or will materials remain on the ground to later be found and identified during future archaeological surveys? Any clarification regarding the composition of such 'chaff' would be appreciated.

Aside from the above concerns, our office concurs with the proposed project's APE boundaries. Our office looks forward to receiving a copy of the project's later assessment once it has been completed. If you have any questions or comments regarding this letter, please do not hesitate to contact me. In order to help us track your project accurately, please be sure to reference the SHPO case number above in all correspondence.

Sincerely,

Dennis Griffin, Ph.D., RPA
State Archaeologist

[Redacted contact information]



NEVADA
**STATE HISTORIC
PRESERVATION OFFICE**

Department of Conservation and Natural Resources

Brian Sandoval, Governor
Bradley Crowell, Director
Rebecca L. Palmer, Administrator, SHPO

October 3, 2018

Captain Joseph A. Young, 173FW/CEV
Department of the Air Force
Kingsley Field Oregon
221 Wagner Street, Ste. 99
Kingsley Field, Klamath Falls, Oregon 97603

Re: US Air Force Contract to Adversary Air Support
Undertaking #2018-5640

Dear Captain Young:

The Nevada State Historic Preservation Office (SHPO) has reviewed the subject documents received September 4, 2018 in accordance with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended.

Project Description

The SHPO understands this undertaking, as it occurs within the boundaries of Nevada, to be the use of airspace for training activities by Adversary Air via a Combat U.S Air Force (Air Force) contract for the Kingsley Field Air National Guard Base in Oregon.

Area of Potential Effect (APE)

The SHPO notes that the four airspaces that extend into Nevada (Harts B, D, E, and F) are all designated for sorties occurring at over 11,000 feet. Our office would support an Air Force determination that all effects as a result of this undertaking within the boundaries of the State of Nevada will be contained within the identified airspace as illustrated in "Figure 3. Special Use Airspace Proposed for Contract Adversary Air Sorties."

This APE would appear to account all potential direct, indirect, and cumulative effects that may result from this undertaking in keeping with 36 CFR §800.4(a)(1) and 36 CFR §800.16(d).

Consultation with Interested Parties

The SHPO reminds the Air Force that the agency must consult with Native American tribes concerning properties of religious and/or cultural significance that could be affected by the undertaking per 36 CFR §800.4(a)(4). In addition, the agency must consult with the public and representatives of organizations that have a demonstrated interest in historic properties per 36 CFR §800.2(c)(5).

What efforts have been made to provide these representatives with an opportunity to comment on this undertaking? In order to maintain a complete and accurate record of consultation, please forward a brief narrative summary of the results of this consultation to our office so this may be added to the administrative record for this undertaking.

901 S. Stewart Street, Suite 5004 ✦ Carson City, Nevada 89701 ✦ Phone: 775.684.3448 Fax: 775.684.3442

www.shpo.nv.gov

Captain Joseph A. Young
October 3, 2018
Page 2 of 2

Identification Effort for Historic Properties

What efforts are proposed by the Air Force for the identification of historic properties that may be affected by this undertaking?

Should you have any questions concerning this correspondence, please contact Jessica Axsom at [REDACTED] or by email at [REDACTED] or SHPO staff architectural historian Kristen Brown at [REDACTED] or by email at [REDACTED].

Sincerely,



Robin K. Reed
Deputy State Historic Preservation Officer

24266



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Lakeview District Office
1301 South G Street, Lakeview, OR 97630
www.blm.gov/lakeview

October 5, 2018

Captain Joseph Young
173FW/CEV
221 Wagner Street STE99, Kingsley Field
Klamath Falls, OR 97603
[REDACTED]

Dear Captain Young:

Thank you for the opportunity to comment on your August 28, 2018 proposal for ADAIR flights out of Kingsley Field. Your proposal states that training activities would use airspace near Kingsley ANGB that overlies northern California, northwestern Nevada and Oregon, as well as the Pacific Ocean off the coasts of Oregon and northern California.

The Bureau of Land Management (BLM) has specific concerns regarding the proposed use of flares dispensed by military aircraft as part of your proposed ADAIR flights. As you are aware, within the last two years, there have been several recent wildfires within the Lakeview District BLM lands and surrounding areas that were ignited by flares associated with ADAIR flights.

These recent flare-ignited wildfires impacted very important sensitive resources, including prime sage grouse habitat, and were close to recreation areas during the summer months at the height of fire season. In addition, the BLM is concerned about the cost of wildfire suppression. If flare-ignited wildfires continue to occur from the proposed ADAIR flights, BLM may request restoration activities or restitution.

The BLM would like to work closely with you regarding the timing and location of flare activities. We appreciate that your proposal states that flares will not be "deployed in MOAs below 5,000 feet above ground level to negate the potential for the ignition of wildland fires and minimize the impacts to public safety." However, there is still a risk of wildfire due to the potential for equipment malfunction during the height of fire season.

We appreciate the opportunity to work with you to reduce wildfire risk on BLM lands. Please contact me at [REDACTED] with any questions or concerns.

Sincerely,

J. Todd Forbes
District Manager

From: Grant, Lisa [REDACTED]
Sent: Wednesday, June 19, 2019 9:15 AM
To: Young, Joseph A Capt USAF 173 FW (USA) [REDACTED]
Subject: [Non-DoD Source] comments on Air Force ADAIR EA

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

Captain Joseph Young,

I just have a quick comment/concern that I would like considered. In Table 2-4 I see that Juniper/Hart MOA Complex would have increased Chaff Bundles and Flares. What are the standards for drop height when practicing with flares? Multiple fires in this MOA have been started by these flare tests which were only publicly identified as "human caused" (i.e. the July 12, 2017 Coyote Fire near Wilson Butte, T28S, R26E). It's unfortunate that the agency that manages the landscape and special status species habitats then has to deal with the aftermath of these flare caused wildfires -- suppression efforts, emergency stabilization planning and funding, stabilization and rehabilitation work, finding alternative forage for users, fencing the burned area, moving wild horses out of burned areas, etc. It would be helpful for the Air Force to assess drop height requirements and effects to the landscape and habitat at specific heights.

Thank you,
Lisa
--

Lisa Grant
WH&B Specialist
Burns District BLM
28910 Hwy 20 W
Hines, OR 97738
[REDACTED]



Department of Fish and Wildlife
Hines Office
Malheur Watershed District
237 Hwy 20 S.
PO Box 8
Hines, Oregon 97738
(541) 573-6582
FAX (541) 573-5306

June 27, 2018

Captain Joseph Young
173 CES/CEV
211 Arnold Avenue, Suite K
Kingsley Field, OR 97603

Dear Captain Young:

The Oregon Department of Fish and Wildlife (ODFW) appreciates the opportunity for further review, and additional comment on the Draft Environmental Assessment (EA) for Combat Air Forces Adversary Air, Kingsley Field Air National Guard Base, Oregon, dated June 2019. Following additional review ODFW would like to submit the following comments regarding the minimization of impacts to Greater Sage-Grouse and their habitat:

ODFW's main concern remains the potential for flares to cause fires in sage-grouse habitat in the Juniper/Hart Military Operations Areas (MOAs), especially given the likely flare caused fires that occurred in this area in 2017 and 2018. The proposed action proposes to minimize fire risk by limiting flare use to >5,000 ft AGL, and during times of low fire risk. ODFW would like to confirm that fire risk will be assessed using the National Fire Danger Rating System (NFDRS). ODFW recommends the use of this system for any assessment of fire danger or fire risk, and that flare use only occur during times of low fire danger, and at altitudes greater than 5,000 ft.

Additionally, sage-grouse during the breeding season are highly sensitive to noise disturbance. The majority of Greater Sage-Grouse leks (breeding locations) are located within Core Areas and Low Density Areas identified in the Greater Sage-Grouse Conservation Assessment and Strategy for Oregon: A Plan to Maintain and Enhance Populations and Habitat (ODFW 2011). The Department recommends the Oregon ANG add Greater Sage-Grouse Low Density habitats to the currently proposed Core Area habitats avoidance measure as stated on Pages 4-36 of the Draft EA.

Thank you for the opportunity to provide comment on the Draft EA relevant to the proposed action and potential impacts to Greater Sage-Grouse in Oregon. Please contact me at [REDACTED] if you have questions or need clarification on any of the contents of these Department comments.

Sincerely,



Lee Foster
Sage-Grouse Conservation Coordinator

Literature Cited

Oregon Department of Fish and Wildlife. 2011. Hagen, Christian, and Robert Gene Anthony.
Greater sage-grouse conservation assessment and strategy for Oregon: a plan to maintain
and enhance populations and habitat. April 2011.



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Oregon Fish and Wildlife Office
2600 SE 98th Avenue, Suite 100
Portland, Oregon 97266
Phone: (503) 231-6179 FAX: (503) 231-6195

Reply To: 8181.0510
File Name: Kingsley_Field_6_28_19.docx
TS Number: 19-426
TAILS: n/a
Doc Type: Final

June 28th, 2019

JUN 28 2019

Captain Joseph Young
173 CES/CEV
211 Arnold Avenue, Suite K
Kingsley Field, OR 97603

Dear Captain Young,

Thank you for the opportunity to review and provide comments on the Draft Environmental Assessment (EA) for Combat Air Forces, Adversary Air, Kingsley Field Air National Guard Base, Oregon dated June 2019.

The Service recommends that the Oregon Air National Guard (OR ANG) reduce the wildfire risk associated with flare use to the maximum extent practical. Flare use was identified as likely ignition sources for several fires that occurred in greater sage-grouse (*Centrocercus urophasianus*) habitat in 2017 and 2018. The proposed action proposes to minimize wildfire risk by limiting flare use to altitudes greater than 5,000 feet AGL and at times of low fire danger. As the EA is currently written it does not contain enough information to determine how "low fire danger" will be determined. The Service recommends that prior to flights, fire risk would be assessed using the National Fire Danger Rating System (NFDRS) updated daily at <http://gacc.nifc.gov/nwcc/> and that flare use be limited to only times when fire danger is low, and only at altitudes above 5,000 feet AGL.

Thank you for your coordination on this project. If you have any further questions regarding this project, please contact Jeff Everett in my office at [REDACTED]

Sincerely,

Paul Henson, Ph.D.
State Supervisor



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10

1200 Sixth Avenue, Suite 155
Seattle, WA 98101-3188

REGIONAL
ADMINISTRATOR'S
DIVISION

July 09, 2019

Captain Joseph Young
Environmental Office Manager
Department of the Air Force
173 CES/CEV
211 Arnold Avenue, Suite 26,
Kingsley Field, Oregon 97603

Dear Captain Young:

The U.S. Environmental Protection Agency has reviewed the US Air Force Draft Environmental Assessment and Finding of No Significant Impact for the proposed Combat Air Forces Contract Adversary Air support project (EPA Region 10 Project Number 18-0058-UAF) at Kingsley Field Air National Guard Base in Klamath Falls, Oregon. The EPA comments are provided pursuant to the National Environmental Policy Act, Council on Environmental Quality regulations (40 CFR §§ 1500-1508), and Section 309 of the Clean Air Act.

The Draft Environmental Assessment analyzes the potential environmental impacts associated with alternatives to provide contracting support for up to 2,000 sorties for Combat Air Forces training annually at Kingsley Field ANGB. The project would involve stationing up to six contractor aircraft and crew at the base and using airspace for military training activities from over the base out to northern California, northwestern Nevada and Oregon, and the Pacific Ocean off the coasts of Oregon and northern California. The airspace includes three Military Operations Areas or MOAs (Juniper/Hart Complex, Dolphin, Goose) and a Waring Area W-93. Beneath these MOAs, there are 10.3 million acres of land under federal, state, local and tribal government ownership, as well as nongovernmental organization ownership. The other facilities to support the project would include required ramp, maintenance, and operational spaces; petroleum, oil and lubricant storage; runway access; and parking areas. If implemented as proposed, the USAF believes that the project would improve combat readiness and capability and result in no significant environmental impacts.

We support the overall purpose of the proposed action to provide dedicated contract ADAIR sorties to improve the quality of training and readiness of pilots of the 173 FW at 49 Kingsley Field ANGB, while minimizing adverse impacts on environmental resources within the training areas and vicinity. Thus, we are pleased to note that the DEA/FONSI includes analysis of specific resources that would be impacted by the proposed action, nature of the potential impacts, and measures, including best management practices, that would be followed to minimize impacts. In addition, we appreciate that the DEA/FONSI addresses many of the issues that we raised during the scoping period, including the anticipated cumulative effects of this project, potential impacts of climate change, and mitigation and monitoring plans for noise impacts.

We find that most of the potential impacts from the project appear to be related to increased aircraft sorties, which would result in major and long-term noise and land use impacts, but also impacts on other resources including air and biological resources. Although mitigation measures would be applied to keep the impacts from becoming significant, we believe that it would be important to coordinate with each

state's environmental regulatory agency and other federal agencies, such as the U.S. Fish and Wildlife Service and the National Marine Fisheries Service, throughout the duration of the proposed military training program to ensure that continued activities are conducted in a manner protective of human health and the environment. Furthermore, we recommend that the Final EA/FONSI include additional clarifying information as discussed in the attached comments.

Thank you for the opportunity to review this Draft EA/FONSI. If you have questions or comments concerning our review, please contact Theo Mbabaliye of my staff at [REDACTED] or by electronic mail at [REDACTED] or by electronic mail at [REDACTED]

Sincerely,



Jill A. Nogi, Chief
Policy and Environmental Review Branch

Enclosure: U.S. Environmental Protection Agency Detailed Comments on the Draft EA/FONSI for the Proposed Combat Air Forces Contract ADAIR Support Project, Kingsley Field Air National Guard Base, OR

**U.S. Environmental Protection Agency Detailed Comments on the Draft EA/FONSI for the
Proposed Combat Air Forces Contract ADAIR Support Project
Kingsley Field Air National Guard Base, OR**

Potential aircraft noise and land use impacts

The Draft EA discusses both the existing noise levels at Kingsley Field and the noise levels due to the proposed project. Thank you for data and modeling results provided. We understand that because the type of aircraft for contract ADAIR are not known at this time, representative noise surrogates were selected for the lowest, medium, and highest potential noise emission modeling scenarios for the potential aircraft to be used in the project. Under the high noise scenario, the modeling results indicate that although existing noise levels (>65 to >85 dBA) would not change, the impacted area within noise contours greater than 70 dBA would expand by more than 1,500 acres. At the representative noise-sensitive locations modeled, the Day-Night Average Sound Level or DNL would increase by an amount ranging from 0-4 dBA. This change in the noise setting would be potentially significant and long-term, and incompatible with many surrounding land uses under each action alternative. In general, DNL increases of 3-4 dBA would be clearly noticeable and, if not mitigated, can lead to impacts to human health. Further, the Draft EA/FONSI indicates that because of the proposed project, the Juniper/ Hart MOA Complex where most ADAIR flight operations would occur is anticipated to receive sound levels at more than 100 dBA during supersonic flights, especially under the flight paths. Because of these anticipated noise impacts and the possibility that sensitive receptors (human and wildlife) in affected areas could be exposed at levels causing a range of minor to significant health impacts, we recommend that the USAF:

- Maximize implementation of the mitigation measures described in the Draft EA/FONSI and coordinate with each state's environmental regulatory agency (CA, OR, NV) to determine appropriate noise attenuation measures, particularly for sensitive groups and children;
- Coordinate with the U.S. Fish and Wildlife Service and National Marine Fisheries Service, and as appropriate, with each state's Department of Fish and Wildlife, as this project is implemented, to ensure appropriate protections for wildlife species from potential adverse noise impacts from the project;
- Indicate in the EA how the USAF plans to monitor pilot performance to ensure that proposed restrictions applicable to activities conducted in the proposed MOAs are successfully implemented. The activities would include air combat maneuvers, air intercepts, and low-altitude tactics, all of which are likely to pose safety and noise risks to people and wildlife. Some of those restrictions include avoiding:
 - Noise sensitive locations beneath each MOA;
 - Sage grouse leks and core areas during the breeding season (March 1 to May 31) and mapped bald and golden eagle nests (January 1 to August 15);
 - Overflights at low altitudes to the maximum extent practicable;
 - Wind farms; and
 - Reliance upon visual avoidance of other aircraft, birds, and other hazards while flying 4th generation advanced technology aircraft at subsonic and supersonic speeds, as needed for training activities.
- Consider additional mitigation measures in the EA, including, but not limited to:

- Establishing a noise complaint line and keeping it active and notification of significant noise events given to surrounding residents, especially when noise activities are not usually restricted;
- Establishing spot noise monitoring both inside and outside the nearest affected residences during average day and noisy mission events year-round, particularly in winter when leaf cover may be absent;
- Home soundproofing can also provide noise relief inside homes, as well as use of earthen berms and evergreen tree cover between noise sources and nearby receptors. This would be particularly important for the project due to potential noise impacts associated with sonic booms; and
- Selecting the type of aircrafts to use for the training activities that would reduce the size of the of the 65-dBA DNL contour and minimize noise impacts to sensitive receptors or avoid them altogether.

Potential impacts on air quality

The Draft EA/FONSI describes current air quality conditions within the analysis area and we appreciate data provided, especially on baseline emissions, General Conformity Applicability Analysis, and climate change. We note that the analysis area encompasses six Air Quality Control Regions: Central and Eastern Oregon; Northwest Nevada; Portland Interstate and Southwest Oregon; North Coast; Central Oregon; and Northeast Plateau. For purposes of air quality analysis for the project, the Draft EA/FONSI subdivides the AQCRs into three Regions of Influence or ROIs, one coinciding with the Central Oregon Interstate AQCR (Kingsley Field), one coinciding with the Eastern Oregon Intrastate AQCR (Juniper/Hart MOA Complex), and another coinciding with the airspace within W-93. As the W-93 almost entirely falls outside state jurisdiction, the National Ambient Air Quality Standards do not apply to this ROI. The Kingsley Field ANGB is within the Central Oregon Intrastate AQCR, currently designated as an “unclassifiable/attainment” area for all criteria pollutants except for particulate matter (PM_{2.5}). As the Draft EA/FONSI indicates, Klamath County is the only county in the region that is classified as nonattainment for the 24-hour PM_{2.5} National Ambient Air Quality Standards established in 2006.¹

Although air quality in the region is generally in “attainment” or “unclassifiable/attainment” with all criteria pollutants, with the exception of PM_{2.5}, we believe that local air quality may still be impacted due to cumulative impacts from surrounding activities such as road construction and site operations, traffic on unpaved roads, local traffic emissions, use of woodstoves, agriculture, fire, and civilian and other air traffic. As the Draft EA/FONSI indicates, it is also possible that changes in climate could more likely lead to increased air pollution due to future wildfires. Because of these potential sources of air quality impacts, we recommend that the USAF:

- Monitor air quality and implement appropriate mitigation measures in coordination with each state’s environmental regulatory agency and other entities in the analysis area to ensure compliance with the NAAQSs and related regulatory requirements throughout this project implementation;
- Tailor air monitoring strategies to local conditions because localized air quality impacts can be substantial (e.g., during wildfire burns) even though area-wide and/or long-term monitoring may

¹ Draft EA/FONSI, p. 3-21

show compliance with air quality regulatory requirements. This is particularly important for this project because of current exceedance of the PM_{2.5} NAAQS in Klamath County;

- Include a discussion in the EA/FONSI on current air quality conditions within each AQCR, identify all sources of emissions, state whether NAAQs are being met or not, and describe measures that would be taken to minimize air quality impacts in the region, consistent with state and federal regulatory requirements. We note that this information is currently missing for the Portland Interstate and Southwest Oregon; North Coast; and Northeast Plateau AQCRs, where the Dolphin and Goose MOAs are located.

Potential impacts on biological resources

The Draft EA/FONSI discusses biological resources in the analysis area and indicates that because proposed activities are limited to aircraft overflights in the airspace where noise and visual cues could cause behavioral changes in birds, mammals, and sea turtles, there would be no impacts on listed plants, aquatic species (i.e., fish), reptiles (other than sea turtles) and amphibians, invertebrates, or crustaceans. The species potentially occurring in the project area that are listed as threatened or endangered under the federal Endangered Species Act and state legislation include , one state and seven federally listed birds; one state listed, nine federally listed, one proposed threatened, and one candidate mammal species; and four federally listed sea turtle species.² Information in the document also indicates that the proposed action has the potential to impact these biological resources due to noise, potential releases of chaff and flare into the environment, and aircraft operations within the MOAs. Because of these anticipated impacts, we recommend that the USAF:

- Provide in the final EA/FONSI additional identifying information on the state and federally listed species occurring in the analysis area which could be impacted by the project. The Draft EA/FONSI identifies their number but does not include their names and states where they occur. For example, the document indicates that one state listed, and seven federally listed bird species would be impacted; however, there are no names of these birds and state where they are located.
- Avoid the use of chaff, particularly in any low airspace Military Operations Areas, and replace it with a biodegradable alternative. This is because chemicals released from chaff and flares tend to dissolve faster in water than on land, are more mobile and available to organisms in water, and their toxicity thresholds tend to be lower for sensitive aquatic species.³ The analysis area may include many waterbodies including rivers, streams, playas, and slickspots that provide habitat for migratory birds, waterfowl, and other wildlife and other species, which would be subject to chaff deposition, dissolution, and decomposition; and
- Avoid the use of flares in airspace over lands where the fire danger would be rated above moderate i.e., high, very high, or extreme. Burning flares generate air emissions with potential air quality impacts. If a flare is still burning when it hits the ground, it may cause a fire and result in a variety of secondary impacts on soil, water, biological resources, cultural resources, land use, and human safety. All these impacts could also be exacerbated due to prevailing weather conditions and the analysis area is in an arid, open, and windy environment.

² Draft EA/FONSI, p. 3-31, 3-32

³ USAF (1997). Environmental effects of Self-protection Chaff and Flares. Headquarters Air Combat Command, Langley Air Force Base, VA.

Monitoring of the project and adaptive management

We recommend the Final EA include a monitoring program designed to assess both impacts from activities and effectiveness of mitigation measures for the impacts. We further recommend indicating how the program would use an effective feedback mechanism, such as adaptive management, so that any needed adjustments can be made to the activities to meet environmental objectives during operations and eventual decommissioning of project related facilities. For example, there could be a plan to monitor criteria pollutants and emerging contaminants and take corrective action if pollutant levels exceed standards or pose risk to human health and the environment.



NEVADA
**STATE HISTORIC
PRESERVATION OFFICE**

Department of Conservation and Natural Resources

Steve Sisolak, Governor
Bradley Crowell, Director
Rebecca L. Palmer, Administrator, SHPO

November 26, 2019

Jennifer L. Harty, GS-13, NGB
Cultural Resource Program Manager
National Guard Bureau
3501 Fetchet Avenue
Joint Base Andrews, 207-62-5157

Re: US Air Force Contract to Adversary Air Support, Kingsley Field Air National Guard Base,
Klamath Falls, Oregon; Undertaking #2018-5640

Dear Ms. Harty:

The Nevada State Historic Preservation Office (SHPO) has reviewed the subject documents received from the United States Air Force on September 4, 2018 and from the National Guard Bureau on June 7, 2019, October 25, 2019, and October 28, 2019 in accordance with Section 106 of the National Historic Preservation Act of 1966 (NHPA), as amended.

Project Description

The SHPO understands this undertaking, as it occurs within the boundaries of Nevada, to be the use of airspace for training activities by Adversary Air via a Combat U.S Air Force (Air Force) contract for the Kingsley Field Air National Guard Base in Oregon.

The Air Force's Draft Environmental Assessment states that due to the elevation of the proposed flyover events, cultural resources located at ground level below the airspaces are unlikely to be affected by noise and vibration.

Area of Potential Effect (APE)

In a letter dated October 3, 2019, the SHPO noted that our office would support an Air Force determination that all effects as a result of this undertaking within the boundaries of the State of Nevada will be contained within the identified airspace indicating in the subject documents. This APE appears to account all potential direct, indirect, and cumulative effects that may result from this undertaking in keeping with 36 CFR §800.4(a)(1) and 36 CFR §800.16(d).

Identification Effort for Historic Properties

The Air Force conducted background investigations and determined that the APE in Nevada does not contain resources that are listed in the National Register of Historic Places. The National Guard Bureau letter received on June 7, 2019 indicates that NRHP-eligible properties are likely to be

901 S. Stewart Street, Suite 5004 ✦ Carson City, Nevada 89701 ✦ Phone: 775.684.3448 Fax: 775.684.3442

www.shpo.nv.gov

Jennifer L. Harty
November 26, 2019
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present within the proposed Military Operations Areas. However, given the scope and nature of the undertaking within Nevada no further identification efforts were pursued.

Native American Consultation

The SHPO acknowledges receipt of documentation that consultation with the affected Native American tribes has been concluded per 36 CFR §800.3(f)(2). This consultation did not result in the identification of properties of religious and/or cultural significance that could be affected by the undertaking within the boundaries of the State of Nevada.

Consulting Parties and Public Consultation

The SHPO acknowledges receipt of documentation that consultation with the public and representatives of organizations that have a demonstrated interest in historic properties has been concluded per 36 CFR §800.2(c)(5) and 36 CFR §800.2(d). This consultation did not result in the identification of historic properties that could be affected by the undertaking.

Finding of Effect

The SHPO concurs with the Air Force's finding of **No Historic Properties Affected** for this undertaking within Nevada.

Should you have any questions concerning this correspondence, please contact Jessica Axsom at [REDACTED] or by email at [REDACTED] or SHPO staff architectural historian Kristen Brown at [REDACTED] or by email at [REDACTED]

Sincerely,



Robin K. Reed
Deputy State Historic Preservation Officer

cc. Julianne Polanco, CA SHPO
Lisa Sumption, Oregon SHPO

25840

Government-to-Government Comment Letters



Tolowa Dee-ni' Nation

140 Rowdy Creek Rd, Smith River, CA 95567-9525
Ph: (707) 487-9255 Fax: (707) 487-0930

Denise Richards-Padgett
Chairperson

July 2, 2019

Jeri Lynn Thompson
Vice Chairperson

Air National Guard Readiness Center
Attn: Jennifer L. Harty
Cultural Resources Program Manager
3501 Fetchet Avenue
Joint Base Andrews, MD 20762

Leann McCallum
Council Secretary

Dr. Joseph Giovannetti
Treasurer

RE: Adversary Air (ADAIR) Operation at Kingsley Air National Guard Base and Affected
Military Operations Areas (MOA)

Marvin Richards Sr.
Council Member

Dv-laa-ha~,

Kara Brundin-Miller
Council Member

Tolowa Dee-ni' Nation ("Nation") recently received a request from you to review ADAIR
operation at Kingsley Air National Guard Base for potential impacts to significant cultural
resources within or under the airfield or under the affected military operations areas. The
Nation understands that due to your requirements to comply with federal law, Department
of the Air Force must initiate consultation through Section 106 of the National Historic
Preservation Act (NHPA).

Cari Nelson
Council Member

As the Tribal Historic Preservation Officer, I will serve as the Nation's staff liaison to facilitate
communications between Department of the Air Force and the Tribal Council of the Nation.
Any and all official consultation will be done with the Tribal Council directly or delegated
upon their approval. With that said, the Nation does have concerns about cultural resources
within the Area of Potential Effect (APE) – Military Operations Areas (MOAs). There are
hundreds of cultural and religious properties significant to the Tolowa people under the
Dolphin MOA, W-93 and W-94 Warning Areas.

Upon review the Nation requests that the Department of the Air Force refrain from flying or
training each year (in the Dolphin MOA, W-93, and W-94) on the first day of Winter Solstice
and the ten days following. This is a highly significant and ceremonial time of year for the
Tolowa people. Additionally, the Nation requests no flying or training in the Dolphin MOA,
W-93, or W-94 during the months of June, July and August. This is also an important time of
year for the Tolowa people to camp on the coastline of northern California and southern
Oregon for the purpose of harvesting ocean resources with traditional methods. The Nation
feels flying, training, and potentially dispensing chaff and flare during these traditional
cultural activities is unacceptable and would cause adverse affects to our cultural resources.

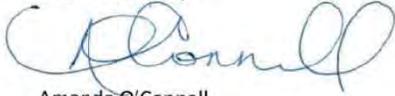
The Nation is grateful for your compliance with federal law and looks forward to working
with you on the protection of cultural resources located within our aboriginal territory. To

Waa-saa-ghithl'-a~ Wee-ni Naa-ch'aa-ghithl-ni
Our Heritage Is Why We Are Strong

Tolowa Dee-ni' Nation

continue communications please contact me by phone at [REDACTED] or by email at [REDACTED]

Shu' shaa nin-la,



Amanda O'Connell
Tribal Historic Preservation Officer

, CC: Tribal Council of Tolowa Dee-ni' Nation

*Waa-saa-ghitlh-'a~ Wee-ni Naa-ch'aa-ghitlh-ni
Our Heritage Is Why We Are Strong*

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