

Contents

Section	Page
How to Read This Environmental Impact Statement.....	1
Summary of Changes Between the Draft EIS and Final EIS.....	A-1
Executive Summary.....	ES-1
1 Purpose and Need	1-1
1.1 Introduction.....	1-1
1.2 U.S. Army Alaska	1-1
1.3 Purpose and Need for Action	1-2
1.3.1 Army Transformation.....	1-2
1.3.2 Army Transformation in Alaska	1-3
1.3.3 Training Requirements	1-3
1.3.4 Cantonment Facilities and Equipment Requirements	1-4
1.3.5 Civilian Infrastructure	1-7
1.3.6 Mission Sustainability	1-7
1.4 Scope and Content of the EIS.....	1-8
1.4.1 Approach to Proposed Action Description	1-8
1.4.2 Approach to Environmental Analysis.....	1-8
1.4.2.1 Valued Environmental Components.....	1-8
1.4.2.2 Categories and Relative Ranking of Valued Environmental Components	1-9
1.4.3 Other Relevant Planning Documents	1-10
1.4.3.1 Final Legislative EIS for Alaska Army Lands Withdrawal Renewal	1-10
1.4.3.2 Final EIS and Record of Decision for Alaska Military Operations Areas.....	1-10
1.4.3.3 Final Programmatic EIS and Record of Decision for Army Transformation	1-11
1.4.3.4 Final EIS and Record of Decision for Transformation of U.S. Army Alaska	1-11
1.4.3.5 Final Environmental Assessment and Finding of No Significant Impact for Conversion of the Airborne Task Force to an Airborne Brigade Combat Team, Fort Richardson, Alaska	1-11
1.4.3.6 Final EIS and Record of Decision for Construction and Operation of a Battle Area Complex and Combined-Arms Collective Training Facility within U.S. Army Training Lands in Alaska	1-12
1.4.3.7 Draft Environmental Assessment and Draft Finding of No Significant Impact for the Charting of the Delta Military Operations Area Complex.....	1-12

1.5	Decision to be Made.....	1-12
1.6	Interagency Coordination	1-13
1.7	Government-to-Government Consultation	1-14
1.8	Public Involvement	1-14
1.8.1	Overview of the Public Involvement Process	1-14
1.8.2	Scoping and Public Notice	1-15
1.8.3	Review of the Draft EIS	1-16
1.9	Regulatory Requirements.....	1-17
2	Description of the Proposed Action and Alternatives	2-1
2.1	Introduction.....	2-1
2.2	EIS Study Area.....	2-1
2.2.1	Fort Wainwright	2-9
2.2.1.1	Cantonment	2-9
2.2.1.2	Non-Cantonment	2-9
2.2.2	Fort Richardson	2-10
2.2.2.1	Cantonment	2-10
2.2.2.2	Non-Cantonment	2-10
2.2.3	Eielson Air Force Base	2-10
2.2.4	Donnelly Training Area.....	2-10
2.2.5	Flight Corridors	2-11
2.3	Proposed Action	2-11
2.3.1	Aviation Personnel.....	2-11
2.3.2	Aviation Assets.....	2-12
2.3.3	Facilities Construction and Demolition.....	2-15
2.3.4	Military Training	2-15
2.3.4.1	New Training Capabilities.....	2-15
2.3.4.2	Increased Training Activities.....	2-16
2.3.4.3	Training Impacts	2-17
2.4	Alternatives Screening Criteria	2-27
2.5	Alternatives	2-28
2.5.1	Alternative 1: No Action	2-31
2.5.1.1	Aviation Personnel (and Others)	2-31
2.5.1.2	Aviation Assets.....	2-31
2.5.1.3	Facilities Construction.....	2-35
2.5.1.4	Military Training.....	2-35
2.5.2	Alternative 2: Aviation Task Force	2-36
2.5.2.1	Aviation Personnel (and Others)	2-36
2.5.2.2	Aviation Assets.....	2-39
2.5.2.3	Facilities Construction and Demolition	2-39
2.5.2.4	Military Training	2-41
2.5.3	Alternative 3: Combat Aviation Brigade.....	2-42
2.5.3.1	Aviation Personnel (and Others)	2-42
2.5.3.2	Aviation Assets.....	2-45
2.5.3.3	Facilities Construction and Demolition	2-45
2.5.3.4	Military Training.....	2-46
2.6	Alternatives Eliminated from Further Consideration.....	2-50

2.6.1	Alternative 4: New Training Areas	2-50
2.6.2	Alternative 5: Use of FRA or Eielson AFB Infrastructure	2-50
2.6.3	Alternative 6: Use Hangars 2 and 3 at FWA to Support Task Force or Brigade	2-51
2.6.4	Alternative 7: Alternative Siting of Facilities in the FWA Airfield Area	2-51
2.6.4.1	Chinook Storage and Parking	2-51
2.6.4.2	Other Facilities Siting	2-52
2.6.5	Alternative 8: Use of Fort Greely	2-52
2.6.6	Alternative 9: Use of Elmendorf AFB	2-53
2.6.7	Alternative 10: Use of Installations Outside Alaska	2-53
2.7	Comparison of Environmental Consequences by Alternative	2-53
2.8	Identification of the Preferred Alternative	2-65
3	Affected Environment	3-1
3.1	Introduction	3-1
3.1.1	Presentation of VECs	3-1
3.1.2	Other Areas of Focus	3-2
3.1.2.1	Traffic/Transportation Systems	3-2
3.1.2.2	Vegetation	3-4
3.1.2.3	Wetlands	3-5
3.1.2.4	Fire Management	3-6
3.1.2.5	Geological Resources	3-9
3.1.2.6	Safety	3-10
3.1.2.7	Land Use/Energy/Utilities	3-10
3.1.2.8	Environmental Justice	3-14
3.2	Airspace Management	3-16
3.2.1	Introduction	3-16
3.2.1.1	USARAK Airspace Requirements	3-16
3.2.1.2	Airspace Definitions	3-17
3.2.2	Scope	3-18
3.2.3	Affected Environment for Airspace Management	3-19
3.2.3.1	Fort Wainwright and Eielson AFB	3-20
3.2.3.2	Fort Richardson	3-25
3.2.3.3	Donnelly Training Area	3-26
3.3	Cultural and Visual Resources	3-27
3.3.1	Introduction	3-27
3.3.1.1	Applicable Regulations for Cultural Resources	3-28
3.3.1.2	National Register of Historic Places	3-29
3.3.1.3	National Historic Landmarks	3-31
3.3.2	Scope	3-32
3.3.2.1	Definition of the Area of Focus	3-33
3.3.3	Affected Environment for Cultural and Visual Resources	3-37
3.3.3.1	Data Collection	3-37
3.3.3.2	National Historic Landmark District	3-38
3.3.3.3	Cold War Historic Context Summary and FWA's Cold War History	3-39

	3.3.3.4	Building Evaluations	3-39
	3.3.3.5	Determining the NHL and Cold War Historic District Boundaries	3-41
	3.3.3.6	Visual Resource Characterization.....	3-41
3.4	Noise.....		3-52
	3.4.1	Introduction	3-52
	3.4.1.1	Noise Measurements and Effects.....	3-53
	3.4.1.2	Noise Management.....	3-54
	3.4.2	Scope	3-56
	3.4.3	Affected Environment for Noise	3-56
	3.4.3.1	Fort Wainwright.....	3-57
	3.4.3.2	Fort Richardson	3-61
	3.4.3.3	Eielson Air Force Base	3-65
	3.4.3.4	Donnelly Training Area	3-65
3.5	Hazardous Materials/Hazardous Waste.....		3-77
	3.5.1	Introduction	3-77
	3.5.1.1	Federal Regulations	3-77
	3.5.1.2	State Regulations.....	3-78
	3.5.1.3	Army Regulations.....	3-79
	3.5.2	Scope	3-79
	3.5.3	Affected Environment for Hazardous Materials/Hazardous Waste.....	3-80
	3.5.3.1	Fort Wainwright.....	3-82
	3.5.3.2	Fort Richardson	3-85
	3.5.3.3	Eielson Air Force Base	3-86
	3.5.3.4	Donnelly Training Area	3-86
3.6	Wildlife and Fisheries		3-87
	3.6.1	Introduction	3-87
	3.6.1.1	Threatened or Endangered Species and Species of Concern.....	3-88
	3.6.1.2	Wildlife Special Interest Areas	3-91
	3.6.2	Scope	3-93
	3.6.3	Affected Environment for Wildlife and Fisheries.....	3-94
	3.6.3.1	Fort Wainwright.....	3-94
	3.6.3.2	Donnelly Training Area and Adjacent Lands.....	3-97
	3.6.3.3	Fort Richardson	3-100
	3.6.3.4	Eielson Air Force Base	3-102
	3.6.3.5	Fort Wainwright to DTA and TFTA Flight Corridors	3-103
	3.6.3.6	Fort Richardson to Donnelly Training Area Flight Corridor.....	3-103
3.7	Air Quality.....		3-105
	3.7.1	Introduction	3-105
	3.7.2	Scope	3-107
	3.7.3	Affected Environment for Air Quality	3-108
	3.7.3.1	Fairbanks North Star Borough (FWA and Eielson AFB) Air Quality Region.....	3-108
	3.7.3.2	Interior Training Locations Air Quality Region	3-113

	3.7.3.3	Anchorage Air Quality Region	3-114
	3.7.3.4	Flight Corridors	3-115
3.8		Socioeconomics	3-115
	3.8.1	Introduction	3-115
	3.8.2	Scope	3-115
	3.8.3	Affected Environment for Socioeconomics	3-116
	3.8.3.1	Fort Wainwright	3-116
	3.8.3.2	Fort Richardson	3-121
	3.8.3.3	Eielson Air Force Base	3-123
3.9		Soils and Permafrost	3-123
	3.9.1	Introduction	3-123
	3.9.2	Scope	3-124
	3.9.3	Affected Environment for Soils and Permafrost	3-124
	3.9.3.1	Fort Wainwright	3-124
	3.9.3.2	Fort Richardson	3-125
	3.9.3.3	Eielson Air Force Base	3-125
	3.9.3.4	Donnelly Training Area	3-125
3.10		Water Resources	3-126
	3.10.1	Introduction	3-126
	3.10.2	Scope	3-126
	3.10.3	Affected Environment for Water Resources	3-126
	3.10.3.1	Fort Wainwright	3-126
	3.10.3.2	Fort Richardson	3-129
	3.10.3.3	Eielson Air Force Base	3-130
	3.10.3.4	Donnelly Training Area	3-131
3.11		Subsistence and Recreation	3-132
	3.11.1	Introduction	3-132
	3.11.2	Scope	3-133
	3.11.3	Affected Environment for Subsistence and Recreation	3-134
	3.11.3.1	Fort Wainwright	3-135
	3.11.3.2	Donnelly Training Area	3-136
	3.11.3.3	Fort Richardson	3-137
4		Environmental and Socioeconomic Consequences	4-1
4.1		Introduction	4-1
	4.1.1	Alternatives	4-1
	4.1.2	Format of Analysis	4-2
	4.1.3	Significance Criteria and Mitigation	4-2
	4.1.3.1	Significance Criteria	4-2
	4.1.3.2	Mitigation	4-3
4.2		Airspace Management	4-3
	4.2.1	Significance Criteria	4-3
	4.2.1.1	Safety	4-4
	4.2.1.2	Predictability	4-4
	4.2.1.3	Accessibility	4-5
	4.2.2	Environmental Consequences for Airspace Management	4-5
	4.2.2.1	Alternative 1: No Action	4-5

	4.2.2.2	Alternative 2: Aviation Task Force	4-9
	4.2.2.3	Alternative 3: Combat Aviation Brigade	4-14
	4.2.2.4	Summary of Impacts.....	4-20
4.3	4.2.3	Mitigation	4-21
		Cultural and Visual Resources	4-22
	4.3.1	Significance Criteria	4-22
	4.3.1.1	Cultural Resources	4-23
	4.3.1.2	Visual Resources	4-23
	4.3.1.3	Auditory Impacts	4-24
	4.3.2	Environmental Consequences for Cultural and Visual Resources.....	4-24
	4.3.2.1	Alternative 1: No Action	4-24
	4.3.2.2	Alternative 2: Aviation Task Force	4-25
	4.3.2.3	Alternative 3: Combat Aviation Brigade	4-42
	4.3.2.4	Summary of Impacts to NHL and Cold War Historic District under Alternatives 2 and 3	4-45
	4.3.2.5	Summary of Impacts.....	4-49
	4.3.3	Mitigation for Adverse Effects to Historic Resources	4-51
	4.3.3.1	Adverse Effect from Infill Construction within the NHL	4-52
	4.3.3.2	Adverse Effect on the Viewshed between Hangars 2 and 3 and the North Post within the NHL	4-52
	4.3.3.3	Adverse Effect Resulting from Potential Change in Use of Hangars 2 and 3 within the NHL	4-52
	4.3.3.4	Additional Educational and Public Information Enhancements.....	4-52
	4.3.3.5	Other Mitigation.....	4-52
	4.3.3.6	Mitigation Measures for Inadvertent Discoveries of Cultural Resources during Construction	4-53
	4.3.3.7	New Construction Visual Impact Mitigation.....	4-53
4.4		Noise.....	4-54
	4.4.1	Significance Criteria	4-54
	4.4.2	Environmental Consequences for Noise	4-54
	4.4.2.1	Alternative 1: No Action	4-54
	4.4.2.2	Alternative 2: Aviation Task Force	4-55
	4.4.2.3	Alternative 3: Combat Aviation Brigade	4-57
	4.4.2.4	Summary of Impacts.....	4-60
	4.4.3	Mitigation	4-60
4.5		Hazardous Materials/Hazardous Waste.....	4-60
	4.5.1	Significance Criteria	4-61
	4.5.2	Environmental Consequences for Hazardous Materials/Hazardous Waste	4-62
	4.5.2.1	Alternative 1: No Action	4-62
	4.5.2.2	Alternative 2: Aviation Task Force	4-63
	4.5.2.3	Alternative 3: Combat Aviation Brigade	4-72
	4.5.2.4	Summary of Impacts.....	4-77
	4.5.3	Mitigation	4-79

4.6	Wildlife and Fisheries	4-80
4.6.1	Significance Criteria	4-81
4.6.2	Environmental Consequences for Wildlife and Fisheries	4-81
4.6.2.1	Alternative 1: No Action	4-83
4.6.2.2	Alternative 2: Aviation Task Force	4-83
4.6.2.3	Alternative 3: Combat Aviation Brigade	4-94
4.6.2.4	Summary of Impacts.....	4-100
4.6.3	Mitigation	4-104
4.7	Air Quality.....	4-105
4.7.1	Significance Criteria	4-105
4.7.2	Environmental Consequences for Air Quality	4-105
4.7.2.1	Alternative 1: No Action	4-107
4.7.2.2	Alternative 2: Aviation Task Force	4-107
4.7.2.3	Alternative 3: Combat Aviation Brigade	4-111
4.7.2.4	Summary of Impacts.....	4-114
4.7.2.5	Greenhouse Gas Emissions.....	4-115
4.7.3	Mitigation	116
4.7.3.1	Facility Construction, Demolition, and Operations	4-116
4.7.3.2	Military Training Activities	4-116
4.8	Socioeconomics.....	4-116
4.8.1	Significance Criteria	4-116
4.8.2	Environmental Consequences for Socioeconomics	4-117
4.8.2.1	Alternative 1: No Action	4-117
4.8.2.2	Alternative 2: Aviation Task Force	4-118
4.8.2.3	Alternative 3: Combat Aviation Brigade	4-122
4.8.2.4	Summary of Impacts.....	4-127
4.8.3	Mitigation	4-128
4.9	Soils and Permafrost	4-129
4.9.1	Significance Criteria	4-129
4.9.2	Environmental Consequences for Soils and Permafrost.....	4-129
4.9.2.1	Alternative 1: No Action	4-130
4.9.2.2	Alternative 2: Aviation Task Force	4-130
4.9.2.3	Alternative 3: Combat Aviation Brigade	4-132
4.9.2.4	Summary of Impacts.....	4-133
4.9.3	Mitigation	4-133
4.10	Water Resources (Surface Water and Groundwater)	4-134
4.10.1	Significance Criteria	4-134
4.10.2	Environmental Consequences for Water Resources.....	4-134
4.10.2.1	Alternative 1: No Action	4-135
4.10.2.2	Alternative 2: Aviation Task Force	4-136
4.10.2.3	Alternative 3: Combat Aviation Brigade	4-139
4.10.2.4	Summary of Impacts.....	4-142
4.10.3	Mitigation	4-142
4.11	Subsistence and Recreation.....	4-142
4.11.1	Significance Criteria	4-143
4.11.2	Environmental Consequences for Subsistence and Recreation	4-143
4.11.2.1	Alternative 1: No Action	4-144

4.11.2.2	Alternative 2: Aviation Task Force	4-145
4.11.2.3	Alternative 3: Combat Aviation Brigade	4-146
4.11.2.4	Summary of Impacts.....	4-147
4.11.3	Mitigation	4-147
4.12	Cumulative Effects Analysis.....	4-151
4.12.1	Approach for Assessing Cumulative Effects.....	4-152
4.12.2	Cumulative Impact Assessment.....	4-152
4.12.3	Other Past, Present, and Reasonably Foreseeable Future Actions	4-154
4.12.4	Cumulative Impact Assessment.....	4-156
4.12.4.1	Airspace Management.....	4-156
4.12.4.2	Cultural and Visual Resources	4-159
4.12.4.3	Noise	4-161
4.12.4.4	Hazardous Materials/Hazardous Waste.....	4-165
4.12.4.5	Wildlife and Fisheries.....	4-166
4.12.4.6	Socioeconomics.....	4-172
4.12.4.7	Subsistence, Public Access, and Recreation.....	4-173
4.12.4.8	Summary of Cumulative Impacts.....	4-174
4.13	Irreversible or Irretrievable Commitment of Resources	4-179
4.14	Short-Term Uses of the Environment and Maintenance and Enhancement of Long-term Productivity	4-179
5	List of Preparers and Contributors.....	5-1
6	Final EIS Distribution List.....	6-1
7	References	7-1
8	Agencies and Persons Contacted	8-1
9	Comments and Responses	9-1
9.1	Comments Received from Individual Comment Documents, and Army Responses	9-4
9.2	Comments Received from Agency, Public, and Tribal Meetings, and Army Responses	9-51
9.2.1	Comments from Agency Meeting, Anchorage – May 18, 2009.....	9-53
9.2.2	Comments from Agency Meeting, Fairbanks – May 20, 2009.....	9-57
9.2.3	Comments from Public Meeting, Fairbanks – May 20, 2009	9-60
9.2.4	Comments from Tribal Meeting, Fairbanks – May 20, 2009.....	9-66
10	Index	10-1

Appendixes

A	Notice of Intent to Prepare an EIS and Notice of Availability of the Draft EIS
B	Agency Correspondence
C	Finding of No Practicable Alternative
D	Air Quality General Conformity Review
E	Quick Look Questions and Responses
F	Aviation Stationing Programmatic Agreement

Tables

- 1.9.a Permits, Licenses, and Other Entitlements Required Prior to Implementing the Proposed Action
- 2.5.a Key Components of Alternatives
- 2.5.b Alternative 1: No Action Generator and Vehicle Assets
- 2.5.c Alternative 2: Aviation Task Force Generator and Vehicle Assets
- 2.5.d Alternative 2: Aviation Task Force Construction Footprint at Fort Wainwright
- 2.5.e Alternative 3: Combat Aviation Brigade Generator and Vehicle Assets
- 2.5.f Alternative 3: Combat Aviation Brigade Construction Footprint at Fort Wainwright
- 2.6.a Alternatives Considered but Dismissed from Further Evaluation
- 2.7.a Summary of Environmental Impacts and Mitigation Measures
- 3.1.a Presentation of Valued Environmental Components
- 3.2.a USARAK Existing Airspace Usage: Based Helicopters and Airfield Activity
- 3.2.b Military Aircraft Activity in Restricted Areas (2005-2007)
- 3.3.a Results of the Buildings Survey
- 3.4.a Maximum Overflight Noise Levels (dBA) of Rotary-Wing Aircraft Currently Used by USARAK
- 3.4.b Percentage of Population Highly Annoyed from Noise of a Single Aircraft
- 3.4.c Noise Zones
- 3.6.a Pertinent Environmental and Regulatory Requirements for Wildlife and Fisheries
- 3.6.b List of Species of Special Concern that are Known to Occur on USARAK Lands
- 3.6.c List of U.S. Army Species of Concern and Priority Management Species within Alaska
- 3.6.d Populations of Large Mammals in Game Management Units Traversed by the Proposed Helicopter Flight Corridor between Fort Richardson and Donnelly Training Area, Alaska
- 3.7.a National Ambient Air Quality Standards
- 3.7.b Potential Criteria Pollutant Emissions from FWA and DU in 2008
- 3.8.a Socioeconomic Overview of Installations
- 3.8.b Socioeconomic Summary of Surrounding Area
- 4.2.a Airspace Management Significance Criteria

- 4.2.b USARAK Existing Airspace Usage: Based Helicopters and Airfield Activity
- 4.2.c Alternative 2: Aviation Task Force – Proposed Based Helicopters and Airfield Activity
- 4.2.d Alternative 3: Combat Aviation Brigade – Proposed Based Helicopters and Airfield Activity
- 4.2.e Comparative Summary of USARAK Airfield Operations by Alternative for Airspace Management
- 4.2.f Comparative Summary of Impacts by Alternative for Airspace Management
- 4.3.a Cultural Resources Significance Criteria
- 4.3.b Visual Resources Significance Criteria
- 4.3.c Comparative Summary of Impacts by Alternative for Cultural Resources and Visual Resources
- 4.4.a Noise Significance Criteria
- 4.4.b Comparative Summary of Impacts by Alternative for Noise
- 4.5.a Hazardous Materials/Hazardous Waste Significance Criteria
- 4.5.b Comparative Summary of Impacts by Alternative for Hazardous Materials/Hazardous Waste
- 4.6.a Wildlife and Fisheries Significance Criteria
- 4.6.b Comparative Summary of Impacts by Alternative for Wildlife
- 4.6.c Comparison of Alternative by Significance Criteria
- 4.7.a Air Quality Significance Criteria
- 4.7.b Potential Emissions from Worst-Case Scenario in Tons per Year, Alternative 3
- 4.7.c Potential Indirect Emissions from Vehicles in Tons per Year, Alternative 2
- 4.7.d Potential Emissions from Construction at Fort Wainwright in Tons per Year, Alternative 2
- 4.7.e Potential Emissions from Operation of Stationary Sources at Fort Wainwright in Tons per Year, Alternative 2
- 4.7.f Emissions from Helicopter Training in Tons per Year, Alternative 2
- 4.7.g Potential Indirect Emissions from Vehicles in Tons per Year, Alternative 3
- 4.7.h Potential Emissions from Construction at Fort Wainwright in Tons per Year, Alternative 3
- 4.7.i Potential Emissions from Operation of Stationary Sources at Fort Wainwright in Tons per Year, Alternative 3

- 4.7.j Emissions from Helicopter Training in Tons per Year, Alternative 3
- 4.7.k Comparative Summary of Impacts by Alternative for Air Quality
- 4.8.a Socioeconomics Significance Criteria
- 4.8.b Anticipated Family Housing Needs for Alternative 2
- 4.8.c Anticipated Family Housing Needs for Alternative 3
- 4.8.d Anticipated Unaccompanied Personnel Housing Needs for Alternative 3
- 4.8.e Comparative Summary of Impacts by Alternative for Socioeconomics
- 4.9.a Soils and Permafrost Significance Criteria
- 4.9.b Comparative Summary of Impacts by Alternative for Soils and Permafrost
- 4.10.a Water Resources Significance Criteria
- 4.10.b Comparative Summary of Impacts by Alternative for Water Resources
- 4.11.a Subsistence and Recreation Significance Criteria
- 4.11.b Comparative Summary of Impacts by Alternative for Subsistence and Recreation
- 4.12.a Resources Considered but not Analyzed in Detail According to Quick Look Questions
- 4.12.b Basis for Valued Environmental Component Inclusion in the Cumulative Impact Analysis
- 4.12.c Summary of Cumulative Effects
- 5.1.a Persons Responsible for Preparing this Environmental Impact Statement
- 9.1.a Index of Comments Received on the Draft EIS

Figures

- 2.2.a General Study Area Features
- 2.2.b Flight Corridors Near Fort Wainwright
- 2.2.c Flight Corridors Near Fort Richardson
- 2.3.a USARAK Aviation Assets (Helicopters)
- 2.3.b Fort Wainwright Aviation Training Sites
- 2.3.c Donnelly Training Area Aviation Training Sites
- 2.3.d Yukon Training Area Aviation Training Sites
- 2.3.e Fort Richardson Aviation Training Sites
- 2.5.a Facilities at Fort Wainwright with No Action Alternative
- 2.5.b Proposed New Construction and Demolition at Fort Wainwright with Alternative 2
- 2.5.c Proposed New Construction and Demolition at Fort Wainwright with Alternative 3
- 3.2.a Existing Airspace Categories
- 3.2.b Existing Special Use Airspace
- 3.3.a Ladd Field National Historic Landmark/Cold War Historic District Boundary Analysis
- 3.3.b Locations of Representative Viewpoints at Fort Wainwright
- 3.3.c Panoramic Characterization from East Side of Ladd Field
- 3.3.d Characterization Photo from South Side of Ladd Field
- 3.3.e Panoramic Characterization from West Side of Ladd Field
- 3.4.a Existing Noise Environment at Fort Wainwright Cantonment Area
- 3.4.b Existing Noise Environment at Fort Wainwright Tanana Flats Training Area
- 3.4.c Existing Noise Environment at Fort Wainwright Yukon Training Area and Eielson AFB
- 3.4.d Existing Noise Environment at Fort Richardson
- 3.4.e Existing Noise Environment at Donnelly Training Area
- 3.4.f Existing Noise Buffer in the Flight Corridors
- 3.5.a Restoration Sites at Fort Wainwright
- 3.7.a Fairbanks North Star Borough Designated PM_{2.5} Nonattainment Boundary
- 4.3.a Existing Panoramic Viewpoint 1 from North Side of Ladd Field

- 4.3.b Existing Panoramic Viewpoint 2 from Southwest Side of Ladd Field
- 4.3.c Existing Viewpoint 3 from South Side of Ladd Field
- 4.3.d Simulation of Panoramic Viewpoint 1 with Alternatives 2 and 3 from North Side of Ladd Field
- 4.3.e Simulation of Panoramic Viewpoint 2 with Alternatives 2 and 3 from Southwest Side of Ladd Field
- 4.3.f Simulation of Panoramic Viewpoint 3 with Alternatives 2 and 3 from South Side of Ladd Field
- 4.3.g Ladd AAF, 1949
- 4.5.a Restoration Sites with New Construction and Demolition at Fort Wainwright with Alternative 2
- 4.5.b Restoration Sites with New Construction and Demolition at Fort Wainwright with Alternative 3
- 4.12.a Future Development Projects at Fort Wainwright

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Acronyms and Abbreviations

°F	degrees Fahrenheit
µg/m ³	micrograms per cubic meter
1/25 SBCT	1st Stryker Brigade Combat Team, 25th Infantry Division
4/25 ABCT	4th Brigade Combat Team (Airborne), 25th Infantry Division
6th LID	6th Infantry Division (Light)
AAC	Alaska Administrative Code
AAF	Army Airfield
AAL	Arctic Aeromedical Laboratory
ABCT	Airborne Brigade Combat Team
AC	alternating current
AC&W	Aircraft Control and Warning
ACHP	Advisory Council on Historic Conservation
ACM	asbestos-containing material
ACMAC	Alaska Civil Military Aviation Council
ADA	Americans with Disabilities Act
ADEC	Alaska Department of Environmental Conservation
ADF&G	Alaska Department of Fish and Game
ADNL	A-weighted night-night level
ADNR	Alaska Department of Natural Resources
AF	area of focus
AFB	Air Force Base
AFCEE	Air Force Center for Engineering and the Environment
AFS	Alaska Fire Service
AGL	above ground level
AHERA	Asbestos Hazard Emergency Response Act
AHPA	Archeological and Historic Preservation Act
AIRFA	American Indian Religious Freedom Act of 1978

AKRR	Alaska Railroad
Alaska DOT&PF	Alaska Department of Transportation and Public Facilities
ALSIB	Alaska-Siberia
ALZ	assault landing zone
AMF	Army Modular Force
AMP	Asbestos Management Plan
ANGB	Air National Guard Base
ANILCA	Alaska National Interest Lands Conservation Act
AOG	Air Operations Group
APE	Area of Potential Effect
AR	Army Regulation
Army	U.S. Army
ARPA	Archaeological Resources Protection Act of 1979
AS	Alaska Statute
ASAIE	Assistant Secretary of the Army for Installations and Environment
ASOP	Airborne Standard Operating Procedures
AST	aboveground storage tank
ATA	Air Traffic Airspace
ATC	air traffic control
Aviation EIS	<i>Stationing and Training of Increased Aviation Assets within U.S. Army Alaska Environmental Impact Statement</i>
BAH	basic allowance for housing
BASH	Bird Air Strike Hazard
BAX	Battle Area Complex
BCT	Brigade Combat Team
BLM	U.S. Bureau of Land Management
BMP	best management practice
BRAC	Base Realignment and Closure
Brigade	Combat Aviation Brigade
BRTA	Black Rapids Training Area

CAA	Clean Air Act
CAB	Combat Aviation Brigade
CACTF	Combined-Arms Collective Training Facility
CARP	Condition Assessment and Rehabilitation Plan
CDNL	C-weighted day-night level
CEMML	Center for Environmental Management of Military Lands
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFA	Controlled Firing Area
CFR	Code of Federal Regulations
CHPP	Central Heat and Power Plant
CHPPM	Center for Health Promotion and Preventative Medicine
CO	carbon monoxide
COF	Company Operations Facility
CPX	command post exercises
CRREL	Cold Region Research and Engineering Laboratory
CRTC	Cold Regions Test Center
CWA	Clean Water Act
dB	decibel
dBA	decibel (A-weighted)
dB(C)	decibel (C-weighted)
DC	direct current
DCCED	Alaska Department of Commerce, Community and Economic Development
DERP	Defense Environmental Restoration Program
DEW	Distant Early Warning
DLA	Defense Logistics Agency
DNL	day-night level
DoD	U.S. Department of Defense
DPS	Distinct Population Segment

DPW	Directorate of Public Works
DRMO	Defense Reutilization and Marketing Office
DRMS	Defense Reutilization and Marketing Service
DSMOA	Defense State Memorandum of Agreement
DTA	Donnelly Training Area
DU	Doyon Utilities, LLC
DZ	drop zone
E.O.	Executive Order
EA	Environmental Assessment
EAC	Early Action Compact
EDMS	Emission Dispersion Modeling System
EIS	Environmental Impact Statement
ENMP	Environmental Noise Management Program
EPA	U.S. Environmental Protection Agency
ERF	Eagle River Flats
ESA	Endangered Species Act of 1973
ESD	Explanation of Significant Difference
FAA	Federal Aviation Administration
FAARP	forward area arming and refueling point
FFA	Federal Facility Agreement
FGA	Fort Greely
FM	Field Manual
FNSB	Fairbanks North Star Borough
FOB	Forward Operating Base
FONSI	Finding of No Significant Impact
FP	firing point
FR	<i>Federal Register</i>
FRA	Fort Richardson
FTX	field training exercise
FW	Fighter Wing

FWA	Fort Wainwright
FY	fiscal year
GA	general aviation
GHG	greenhouse gas
GMU	Game Management Unit
GRTA	Gerstle River Training Area
GSE	ground support equipment
HABS	Historic American Buildings Survey
HAP	Hazardous Air Pollutant
HCL	hydrogen chloride
HEMTT	Heavy Expanded Mobility Tactical Truck
HF	hydrogen fluoride
HMMWV	Highly Mobile Multipurpose Wheeled Vehicle or Humvee
HRMA	Housing Requirements and Market Analysis
HUD	U.S. Department of Housing and Urban Development
HZ	hertz
IA	impact area
IAP	Installation Action Plan
IC	Institutional Control
ICBM	Intercontinental Ballistic Missile
ICRMP	Integrated Cultural Management Plan
IDG	Installation Design Guide
IFR	instrument flight rule
INRMP	Integrated Natural Resources Management Plan
IPMP	Integrated Pest Management Plan
ITAM	Integrated Training Area Management
IRP	Installation Restoration Program
kW	kilowatt
LBP	lead-based paint
LBPMP	Lead-Based Paint Management Plan

LFX	live-fire exercise
LMTV	Light Medium Tactical Vehicle
LUPZ	Land Use Planning Zone
LZ	landing zone
MBTA	Migratory Bird Treaty Act
MEC	munitions or explosives of concern
MEDDAC-AK	U.S. Army Medical Department Activity-Alaska
MEDEVAC	medical evacuation
METL	Mission-Essential Task List
MFE	major flying exercise
mg/m ³	milligrams per cubic meter
mgd	million gallons per day
MILCON	military construction
mm	millimeter
MMPA	Marine Mammal Protection Act
MMRP	Military Munitions Response Program
MOA	Military Operating Area; Military Operations Area
mph	miles per hour
MPO	Metropolitan Planning Organization
MS4	municipal separate storm sewer system
MSA	Metropolitan Statistical Area
MSGP	Multi-Sector General Permit
msl	mean sea level
MTR	Military Training Route
MTV	Medium Tactical Vehicle
MW	megawatt
NAAQS	National Ambient Air Quality Standards
NA	nonattainment
NAF	Non-Appropriated Fund
NAGPRA	Native American Graves Protection and Repatriation Act

NAS	National Airspace System
NE	Northern Edge
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutant
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NOI	Notice of Intent
NOTAM	Notice to Airmen
NOV	Notice of Violation
NO _x	nitrogen oxide
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NPS	National Park Service
NRHP	National Register of Historic Places
NSR	New Source Review
NTSB	National Transportation Safety Board
NZ	noise zone
O&M	operation and maintenance
O ₃	ozone
OSHA	U.S. Occupational Safety and Health Administration
OU	operable unit
OWS	oil-water separator(s)
PA	Programmatic Agreement
PAH	polynuclear aromatic hydrocarbon
PAIO	Plans, Analysis and Integration Office
PARC	Pacific Area Range Complex
Pb	lead
PCB	polychlorinated biphenyl
PEIS	Programmatic EIS

PES	Pre-Construction Environmental Survey
PL 106-65	National Defense Authorization Act for Fiscal Year 2000
PL	Public Law
PLS	Palletized Load System
PM ₁₀	particulate matter equal to or less than 10 microns in diameter
PM _{2.5}	particulate matter equal to or less than 2.5 microns in diameter
POL	petroleum, oil, and lubricant
ppm	parts per million
PSD	Prevention of Significant Deterioration
PTC	permit to construct
RAP	Recreational Access Permit
RCI	Residential Communities Initiative
RCRA	Resource Conservation and Recovery Act
RF-A	Red Flag Alaska
RFP	Request for Proposal
ROD	Record of Decision
ROI	region of influence
RPMP	Real Property Master Plan
RPV	remotely piloted vehicle
SARA	Superfund Amendments and Reauthorization Act
SARSA	Small-Arms Range Safety Area
SBCT	Stryker Brigade Combat Team
SDWA	Safe Drinking Water Act
SEL	sound exposure level
SHPO	State Historic Preservation Office or Officer
SIP	State Implementation Plan
SO ₂	sulfur dioxide
SOC	Species of Concern
SOP	standard operating procedure
SO _x	sulfur oxides

SPCC	Spill Prevention, Control and Countermeasure
SRTA	short-range training ammunition
SSA	Secure Storage Area
State	State of Alaska
STB	Surface Transportation Board
STRAC	Standards in Training Commission
SUA	Special Use Airspace
SUAIS	Special Use Airspace Information System
SWDA	Safe Drinking Water Act
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
TAB	<i>Tabulation of Existing and Required Facilities</i>
TAF	Terminal Area Forecast
TAPS	Trans Alaska Pipeline System
Task Force	Aviation Task Force
TC	Training Circular
TCE	trichloroethylene
TCP	traditional cultural property
TFTA	Tanana Flats Training Area
Title V permit	Title V of the Clean Air Act air quality operating permit
TMDL	total maximum daily load
TMOA	temporary military operation airspace
tpy	tons per year
TRSA	Terminal Radar Service Area
TSCA	Toxic Substances Control Act
U.S.	United States
U.S.C.	United States Code
UAS	unmanned aircraft systems
UFC	Unified Facilities Criteria
UPH	Unaccompanied Personnel Housing

USACE	U.S. Army Corps of Engineers
USAEC	U.S. Army Environmental Command
USAF	U.S. Air Force
USAG	U.S. Army Garrison
USAG-AK	U.S. Army Garrison Alaska
USAG-FRA	U.S. Army Garrison Fort Richardson
USAG-FWA	U.S. Army Garrison Fort Wainwright
USARAK	U.S. Army Alaska
USARTRAK	U.S. Army Recreational Tracking
USFWS	U.S. Fish and Wildlife Service
USSR	Union of Soviet Socialist Republics
UST	underground storage tank
UXO	unexploded ordnance
V	volt
VEC	valued environmental component
VFR	visual flight rule
VOC	volatile organic compound
WRCC	Western Regional Climate Center
WTP	water treatment plant
WWII	World War II
WWTP	wastewater treatment plant
YTA	Yukon Training Area