

# Long Range Discrimination Radar Operations, Clear Air Force Station, Alaska Online Open House Posters – Text Only

## 1. Welcome

Welcome to the Long Range Discrimination Radar Operations, Clear Air Force Station, Alaska, Environmental Impact Statement Online Open House.

Online Open House Purpose:

To solicit comments on the Long Range Discrimination Radar Operations, Clear Air Force Station, Alaska Draft Environmental Impact Statement.

## 2. About Missile Defense Agency

The mission of the Missile Defense Agency is to develop and deploy a layered Missile Defense System to defend the United States and its deployed forces, allies, and friends from missile attacks of all ranges and in all phases of flight.

## 3. Missile Defense Agency Priorities

### Support the Warfighter

Augment Service Readiness, Logistics Support, Training, and Lifecycle Sustainment

### Develop and Deliver the Missile Defense System

Focus on Increasing Lethality, Building Out Missile Defense Force Structure, and Deploying Credible Deterrence

### Outpace the Evolving Threat

Develop Architectures that Challenge Adversary Capabilities, Quickly Mature Promising Technologies, Deliver with Speed

“A robust and credible layered Missile Defense System paired with our conventional and nuclear force capabilities provides the ability to deter strategic attacks, deny benefits, and impose costs against any potential adversary.”

Admiral Charles A. Richard, U.S. Strategic Command

## 4. How Missile Defense Works

Poster of globe with radar paths. If you need additional assistance with figures or information in this document, please call 256-450-1599.

ACRONYM KEY:

- AN/SPY-1: Army Navy Ship-based Surveillance Radar
- AN/TPY-2: Army Navy Transportable Radar Surveillance
- FDC: Fire Distribution Center MDE: Major Defense Equipment
- UEWR: Upgraded Early Warning Radar

## 5. Why is the LRDR Needed?

### The What

The 2014 and 2016 National Defense Authorization Acts directed MDA to deploy an LRDR system to support the defense of the U.S. from emerging threats through improved missile tracking and discrimination capabilities.

### The Why

Provide continuous and precise tracking and discrimination of missile threats launched against the U.S.

#### ACRONYM KEY:

- LRDR: Long Range Discrimination Radar
- MDA: Missile Defense Agency

## 6. Purpose and Need

The purpose for the Proposed Action includes:

- supporting the defense of the U.S. from emerging threats through improved missile tracking and discrimination by integrating the LRDR as an operational asset into the layered MDS, and
- making changes in airspace management to accommodate the operation of the LRDR

The Proposed Action is needed to protect the U.S. against long-range missile threats, as directed in the 2014 Fiscal Year and 2016 Fiscal Year NDAA, and to protect aviation from the hazard posed by the HIRF resulting from the LRDR.

#### ACRONYM KEY

- LRDR: Long Range Discrimination Radar
- MDS: Missile Defense System
- NDAA: National Defense Authorization Act
- HIRF: High Intensity Radiated Fields

## 7. Project Location Map

Project location map that includes call out locations of the LRDR and UEWR. If you need additional assistance with figures or information in this document, please call 256-450-1599.

#### ACRONYM KEY:

- LRDR: Long Range Discrimination Radar
- UEWR: Upgraded Early Warning Radar

## 8. Proposed Action

Map of proposed action areas. If you need additional assistance with figures or information in this document, please call 256-450-1599. The Proposed Action is for MDA to operate the LRDR continuously under the changed operational concept and for FAA to take associated actions related to restricting flight of aircraft.

#### ACRONYM KEY

- FAA: Federal Aviation Administration
- LRDR: Long Range Discrimination Radar
- MDA: Missile Defense Agency

## 9. Proposed Restricted Areas

One graphic of the proposed restricted area and one map of the proposed restricted area. If you need additional assistance with figures or information in this document, please call 256-450-1599. The FAA would establish six additional Restricted Areas in airspace where HIRF resulting from LRDR operations would exceed FAA certification standards for aircraft electrical and electronic systems.

The proposed Restricted Areas R-2206A (existing R-2206, red), R-2206B (light blue), R-2206C (outlined in black), and R-2206G (outlined in orange) would operate continuously. R-2206D (purple), R-2206E (green), and R-2206F (dark blue) would be active only during:

- Prescheduled maintenance or calibration activities every Tuesday, Thursday, and Saturday for a 2-hour period beginning at 2:00 a.m. and ending at 4:00 a.m. local Alaska time;
- Prescheduled test or tracking events with notice provided via Notice to Airmen (NOTAM); and
- As necessary in response to a national security crisis

During these times, provisions would be in place to allow access by emergency aircraft and medical evacuation flights into and out of Clear Airport. The emergency access process would be defined in a Letter of Procedure coordinated between MDA, CAFS, DAF, and FAA.

### ACRONYM KEY:

- CAFS: Clear Air Force Station
- DAF: Department of the Air Force
- FAA: Federal Aviation Administration
- HIRF: High Intensity Radiated Fields
- LRDR: Long Range Discrimination
- Radar
- MDA: Missile Defense Agency
- MSL: Mean Sea Level

## 10. National Environmental Policy Act

NEPA is a U.S. law that requires federal agencies to identify and analyze the potential environmental impacts of a proposed action before deciding whether to proceed with that action.

The Proposed Action is a federal action subject to the requirements of NEPA. The Missile Defense Agency, in cooperation with the Department of the Air Force and the Federal Aviation Administration, prepared this Draft Environmental Impact Statement to evaluate alternatives; identify and evaluate potential environmental impacts; describe any appropriate mitigation measures or other commitments; and communicate the findings to agency decision makers, regulators, the general public, and stakeholder groups.

## 11. The EIS Process

MDA has:

- Gathered information about current environmental conditions relating to the Proposed Action.
- Analyzed potential impacts from the Proposed Action.
- Prepared the Draft EIS.
- Communicated with stakeholder groups, community and local leaders, congressional delegations, state and local agencies, Alaska Native organizations, and tribal entities.
- Is now soliciting public comments on the Draft EIS.
- Draft EIS Summary of Impacts and Mitigation

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Schedule of LRDR EIS Steps. We are currently at the 52-day public comment period. If you need additional assistance with figures or information in this document, please call 256-450-1599.

## 12. Draft EIS Summary of Impacts and Mitigation

The Proposed Action was designed to minimize impacts on the environment and aviation, although the Civil Air Patrol Glider Academy would need to be relocated. None of the impacts identified in the environmental analysis would reach a level that would necessitate mitigation.

Footnote: \* The "Interim Phase" refers to the portion of the Proposed Action where, in the event that continuous Long Range Discrimination Radar operations begin before the proposed Restricted Areas are established, the Federal Aviation Administration would temporarily restrict flight in the same airspace and with the same times of use as for the proposed Restricted Areas.

<b>ENVIRONMENTAL CATEGORY</b>	<b>CONTINUOUS OPERATION OF LRDR</b>	<b>*INTERIM PHASE</b>	<b>RESTRICTED AREAS AND RELATED ACTIONS</b>
Airspace Management	Permanent, negligible to minor adverse	Short-term, negligible to minor adverse	Permanent, negligible to minor adverse
Air Quality	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Biological Resources	Permanent, negligible adverse	Short-term, negligible adverse	Permanent, negligible adverse
Climate	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Hazardous Materials, Solid Waste, and Pollution Prevention	Permanent, negligible adverse	No impact	No impact
Historical, Architectural, Archaeological, and Cultural Resources	No impact	No impact	No impact
Land Use	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Natural Resources and Energy Supply	Permanent, negligible adverse	Short-term, negligible adverse	Permanent, negligible adverse
Noise and Compatible Land Use	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Safety	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Socioeconomics and Environmental Justice	No impact	Socioeconomics: Short-term, negligible to minor adverse <sup>(1)</sup> Environmental Justice: No impact	Socioeconomics: Permanent, negligible to minor adverse <sup>(1)</sup> Environmental Justice: No impact
Subsistence	No impact	Short-term, negligible adverse	Permanent, negligible adverse

ENVIRONMENTAL CATEGORY	CONTINUOUS OPERATION OF LRDR	*INTERIM PHASE	RESTRICTED AREAS AND RELATED ACTIONS
Visual Effects	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Water Resources	No impact	No impact	No impact
Cumulative Impacts	No impact	Short-term, negligible to minor, adverse cumulative	Permanent, negligible to minor, adverse cumulative

Footnote: \* The "Interim Phase" refers to the portion of the Proposed Action where, in the event that continuous Long Range Discrimination Radar operations begin before the proposed Restricted Areas are established, the Federal Aviation Administration would temporarily restrict flight in the same airspace and with the same times of use as for the proposed Restricted Areas.

### 13. Input and Comments

**Email:**

[lrd.r.info@mda.mil](mailto:lrd.r.info@mda.mil)

**Voice Mail:**

256-450-1599

**Mail:**

LRDR CAFS EIS

C/O HDR

2525 C Street, Suite 500

Anchorage, AK 99503

**Fax:**

907-644-2022

**Online Open House:**

October 30 through December 21, 2020 at [www.cleareis.com](http://www.cleareis.com)

**Telephone Public Meeting:**

Wednesday, December 2, 2020 4:00 p.m. to 6:00 p.m. AKST

Dial 855-756-7520 and use Access Code 65743

**Comment Period:**

October 30 through December 21, 2020

For additional project information, visit: <https://www.mda.mil/system/lrd.r>