

FORT KNOX

COMPATIBLE USE

IMPLEMENTATION

Regional Planners

29 November 2022



RANGE OVERFLIGHT 3 NOVEMBER 2022



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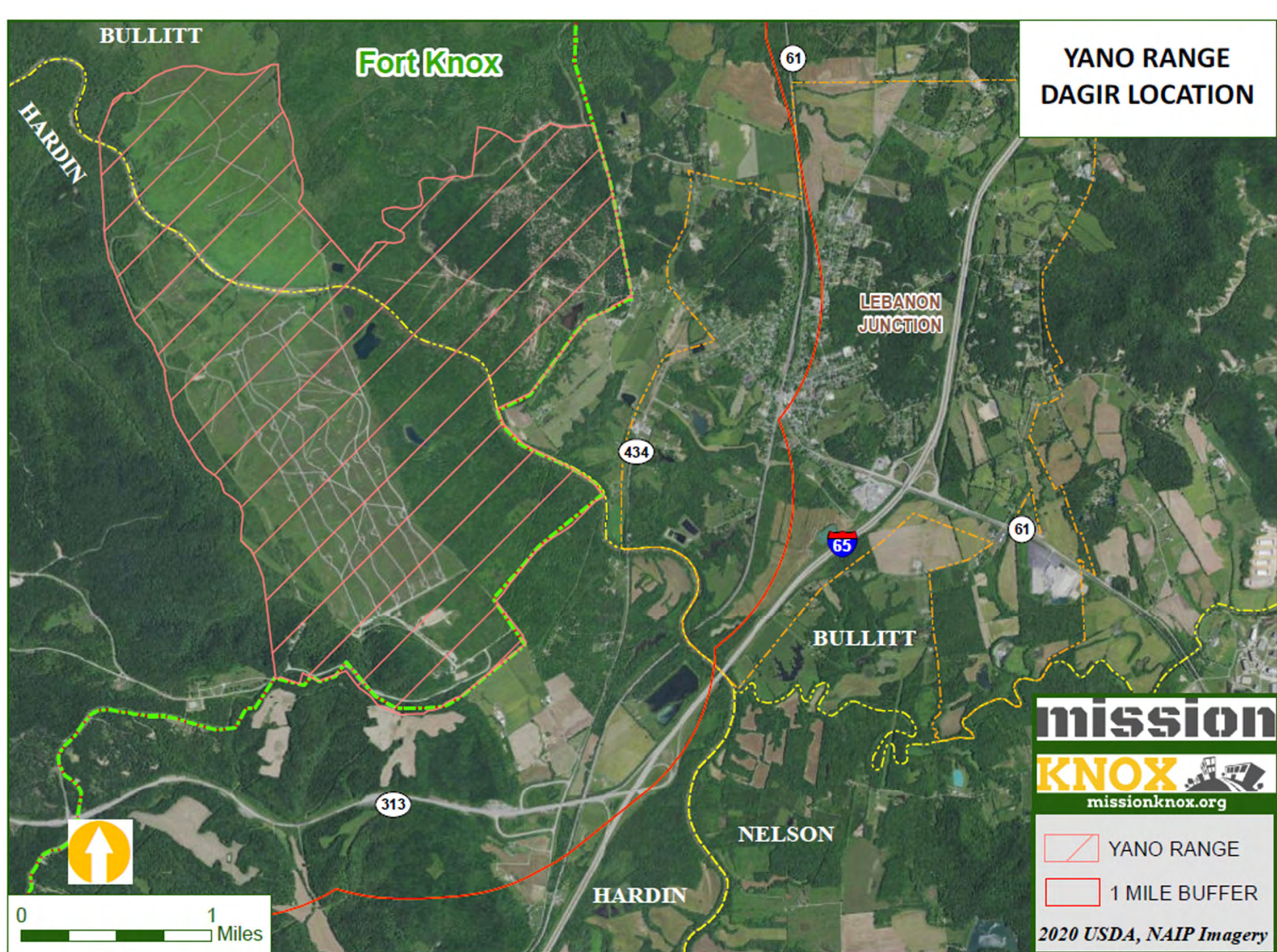
Digital Air-Ground Integration Range (DAGIR)

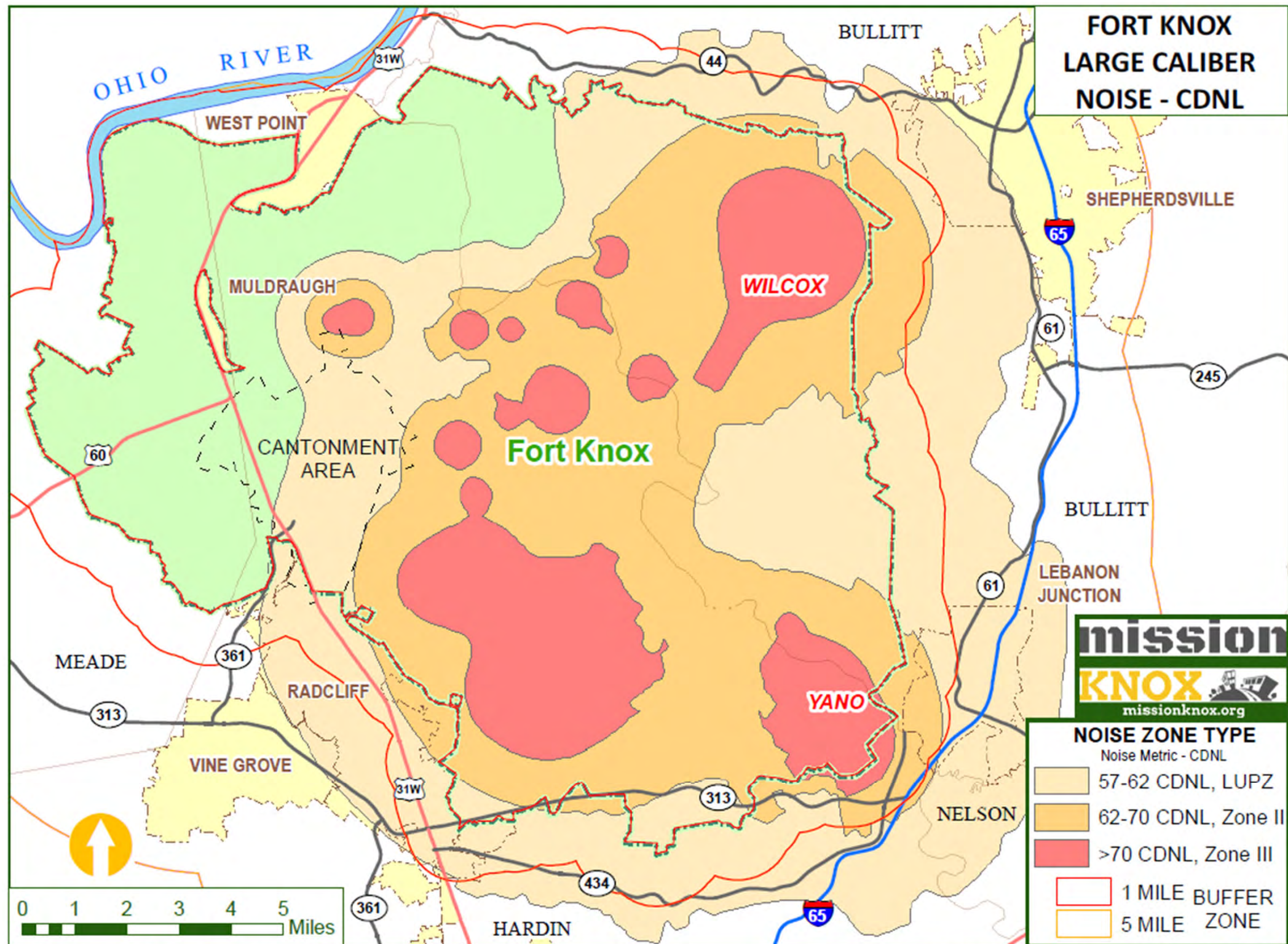
Online Late 2023

Schedule slippage – weather & supply chain issues

NOISE – LOCATION CHANGES & INCREASED LEVELS & FREQUENCY







MAP 27 - LARGE CALIBER, NOISE - CDNL

FORT KNOX AVIATION NOISE ZONES

Fort Knox

Godman AAF

CANTONMENT
AREA

mission
KNOX
missionknox.org

NOISE ZONE TYPE

Mean Noise Level - Decibels

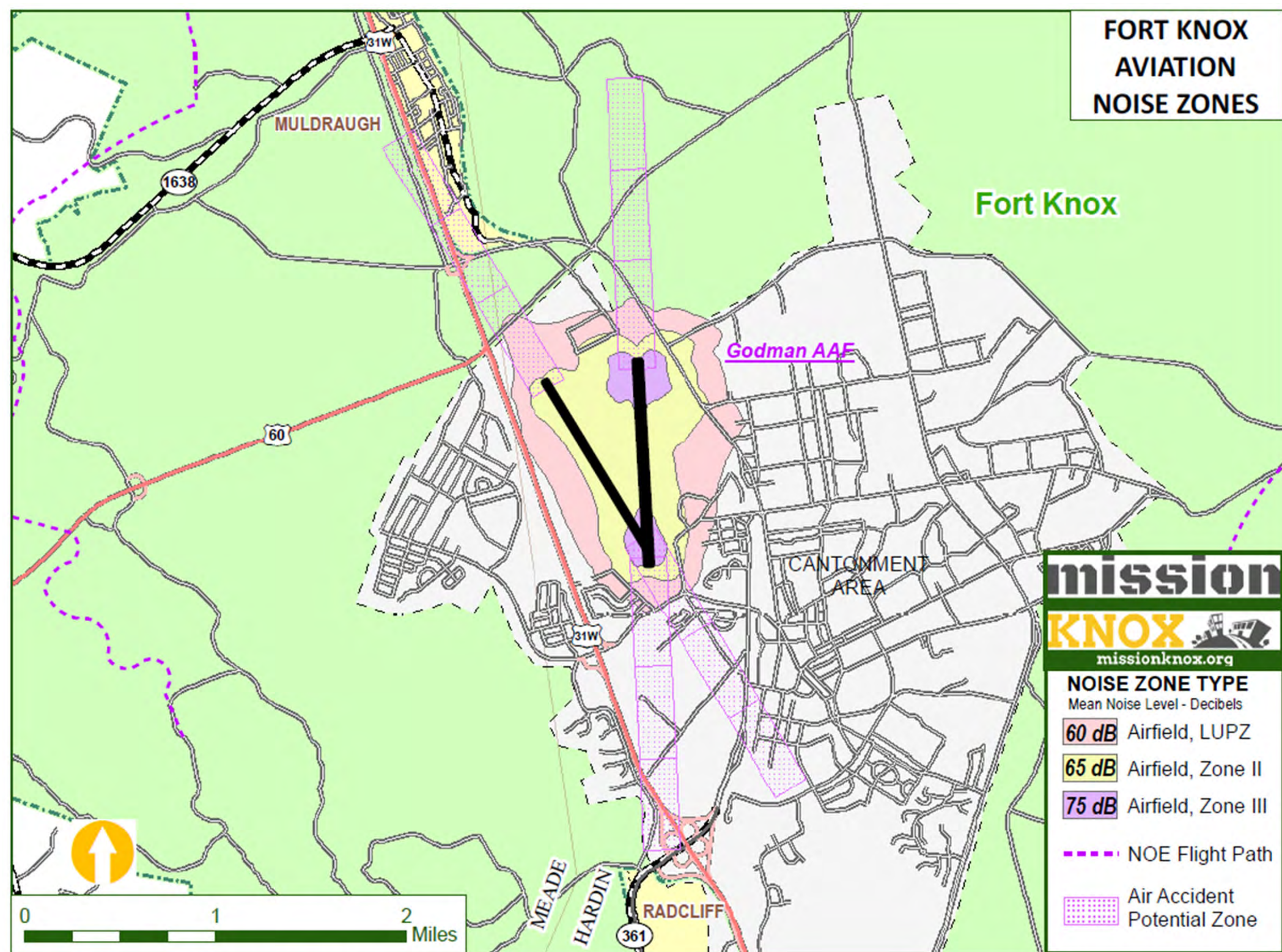
60 dB Airfield, LUPZ

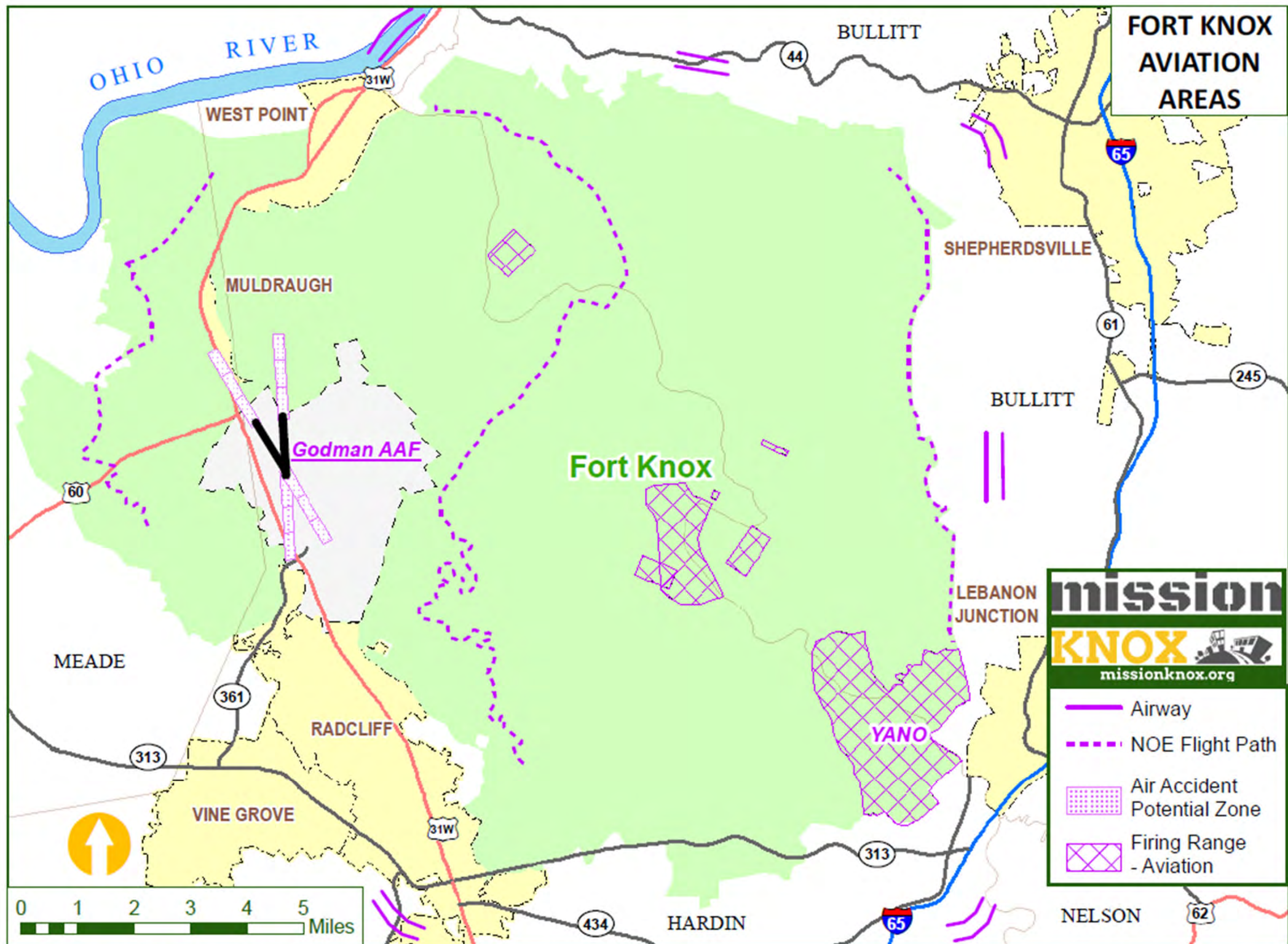
65 dB Airfield, Zone II

75 dB Airfield, Zone III

--- NOE Flight Path

□ Air Accident
Potential Zone

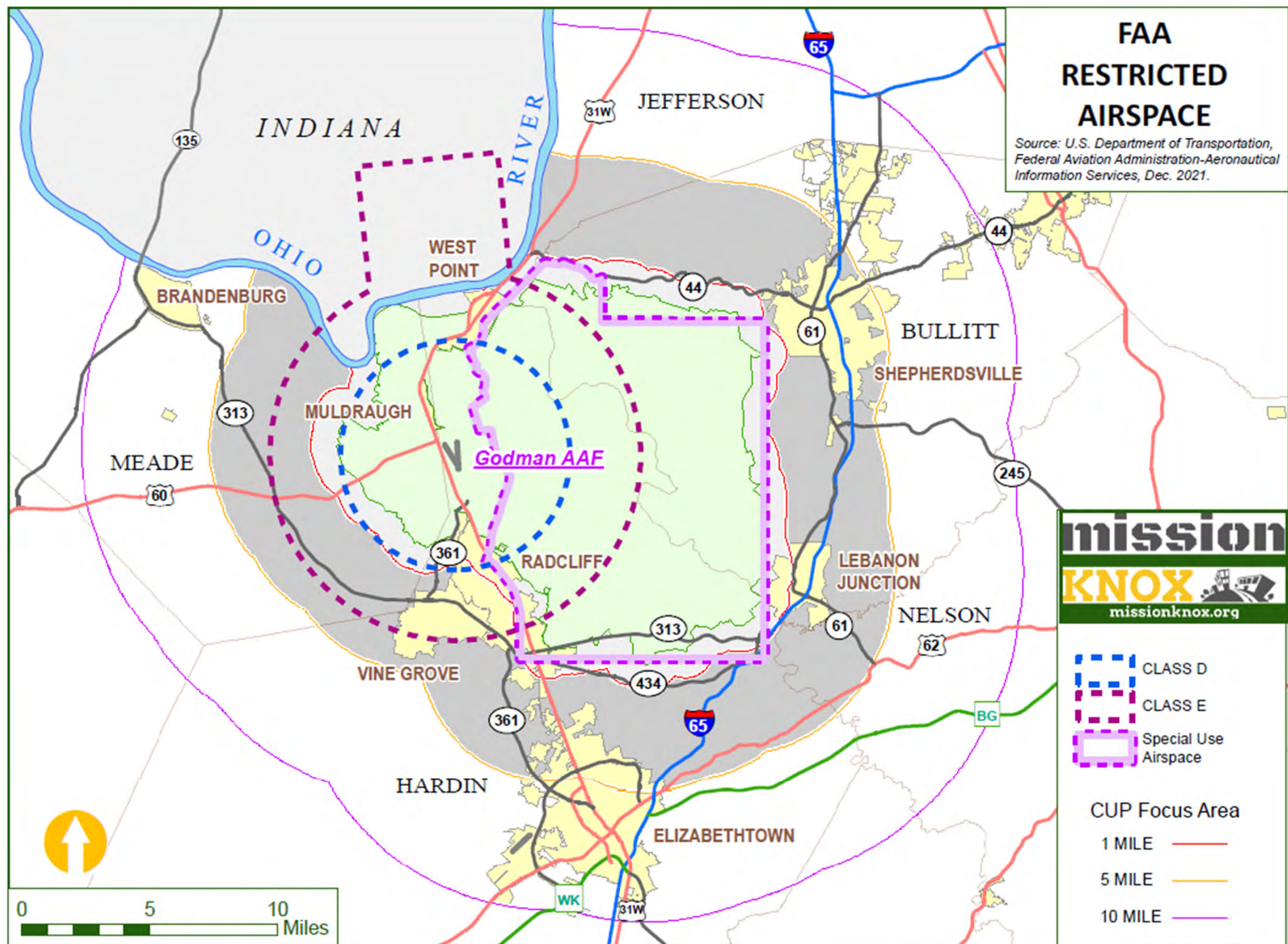




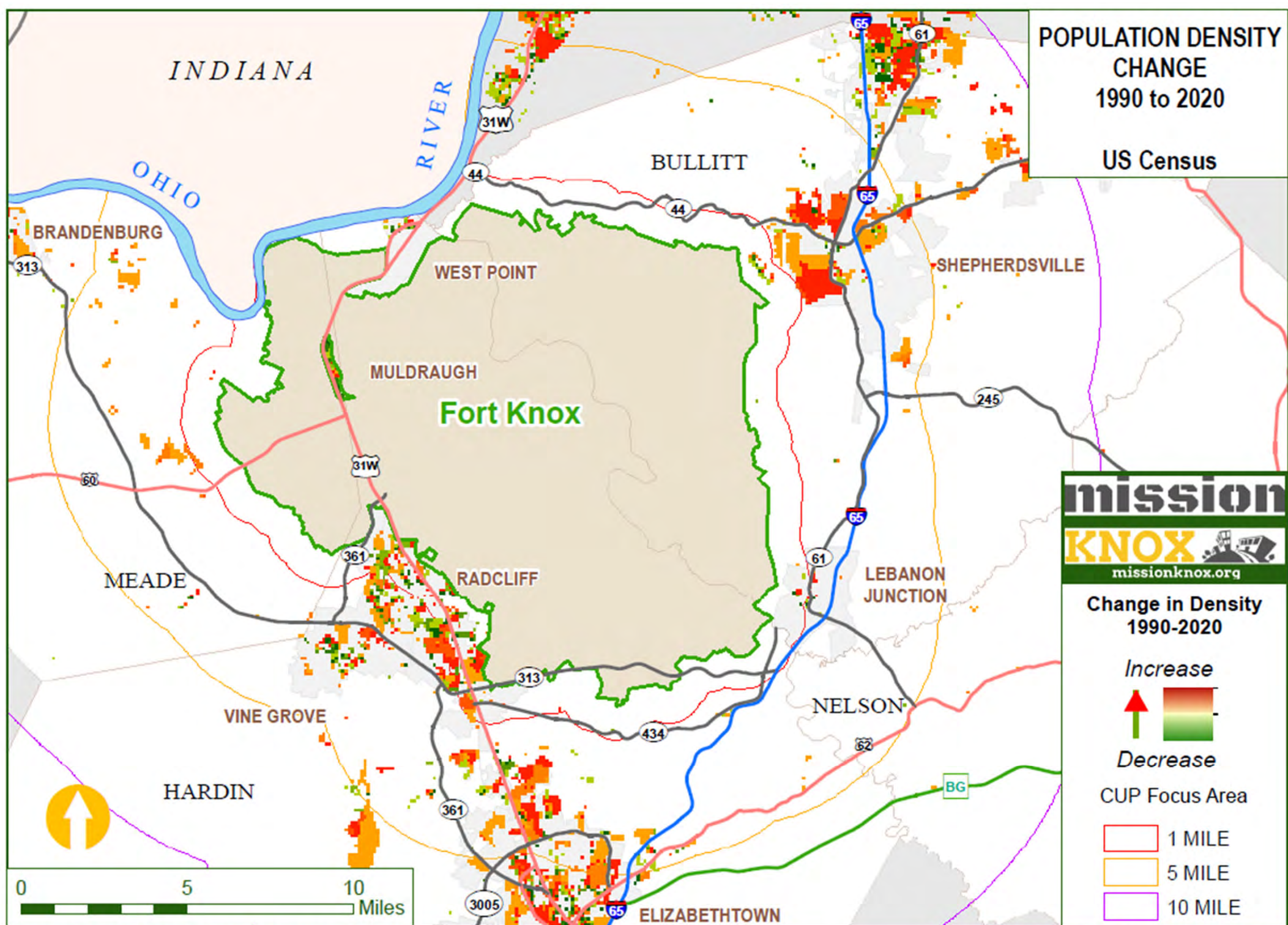
MAP 23 - AVIATION AREAS

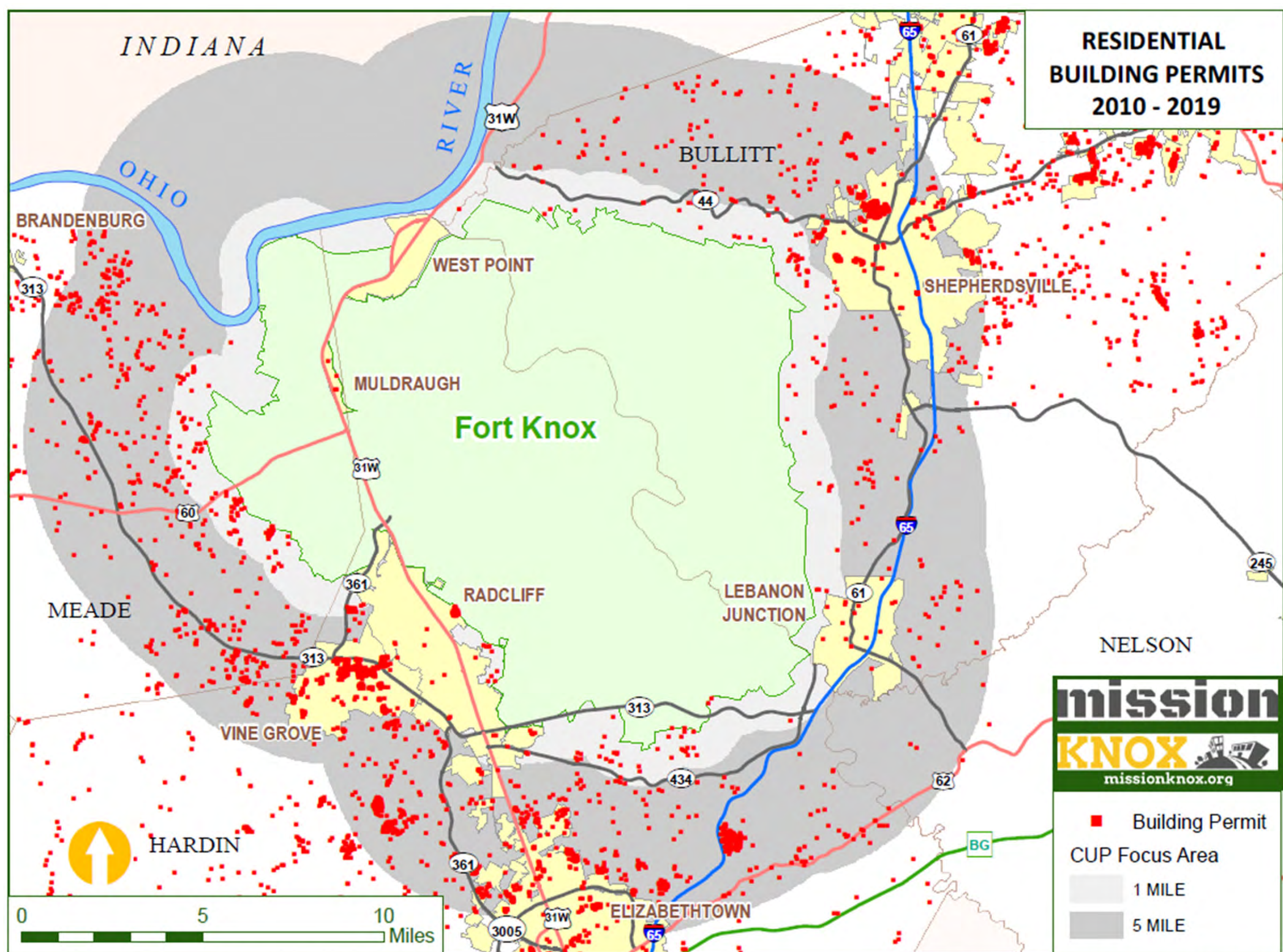
FAA RESTRICTED AIRSPACE

Source: U.S. Department of Transportation,
Federal Aviation Administration-Aeronautical
Information Services, Dec. 2021.



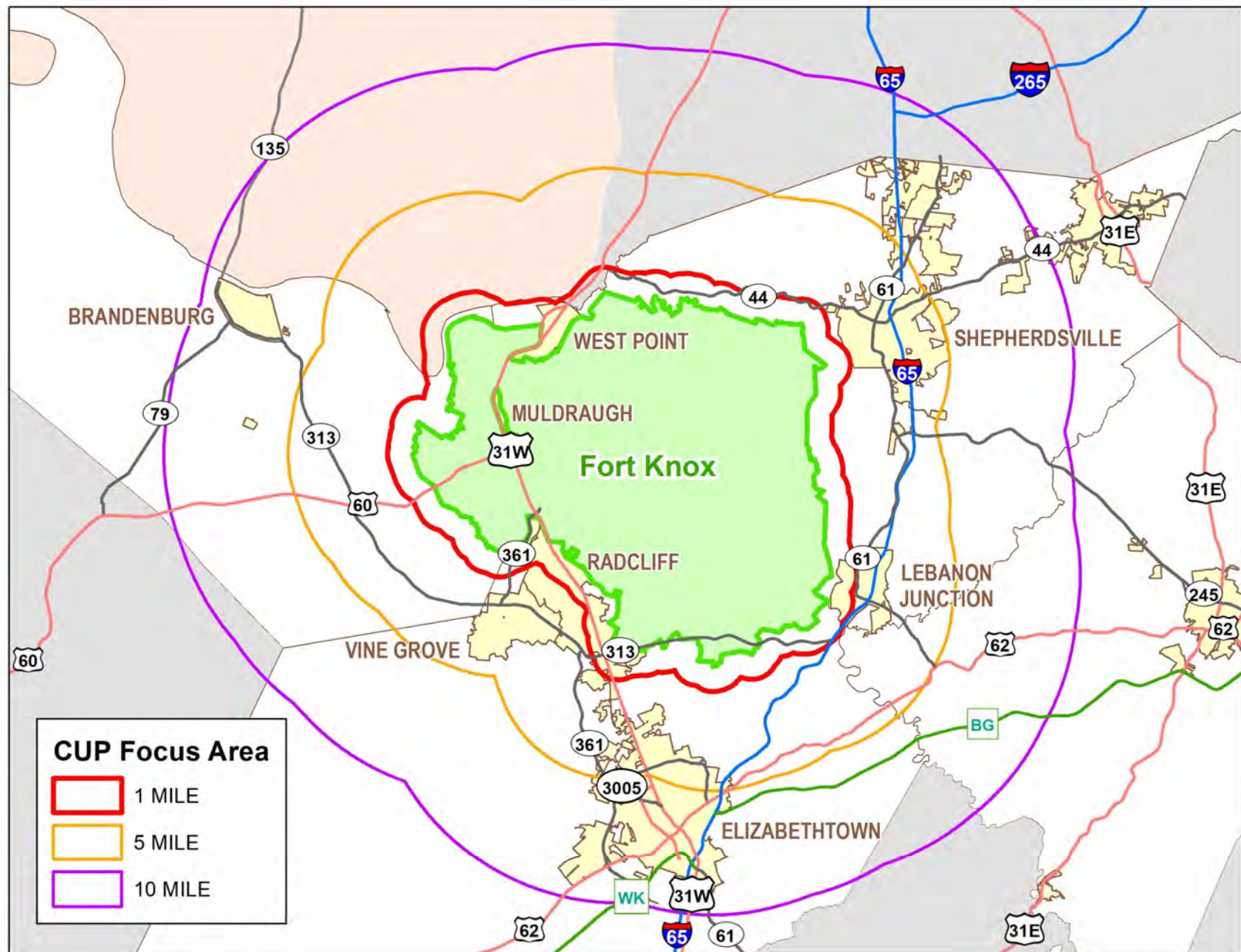
MAP 34 - RESTRICTED AIRSPACE





MAP 6 - RESIDENTIAL BUILDING PERMITS - 2010-2019

CUP Focus Area



IMPLEMENTATION

Goal 1: Communication

Goal 2: Land Use Policy

Goal 3: Conservation

POLICY TOOLBOX

Land Use Planning Specific

Language and Examples

Access to Fort Knox Management Plans & Studies

Establish MOU's between Planning Organizations
and Fort Knox

OVERLAY ZONES

Military Influence Planning District (MIPD)
aka Military Influence Area Overlay(MIAO)

Airport Noise Impact Zone

Air Installation Compatible Use Zone and/or
Air Safety Zone

ATTENUATION POLICIES

NOISE

LIGHT

FREQUENCY (Communications)

OBSRUCTIONS

Building Codes

Subdivision Regulations

Permitting Process

Ordinance

Zoning Regulations

SAMPLE NOTICE LANGUAGE

This property is located near an active military training installation.

This includes active firing ranges and aircraft overflights.

Common issues such as noise, dust, vibration, traffic can occur with some frequency – 24 hours a day, seven days a week.

OTHER POSSIBILITIES

Transfer Development Rights – Allowed

Future Land Use - Compatibility Review

Buffer Zones – New or Upgraded

Conflict Notification – via permitting process

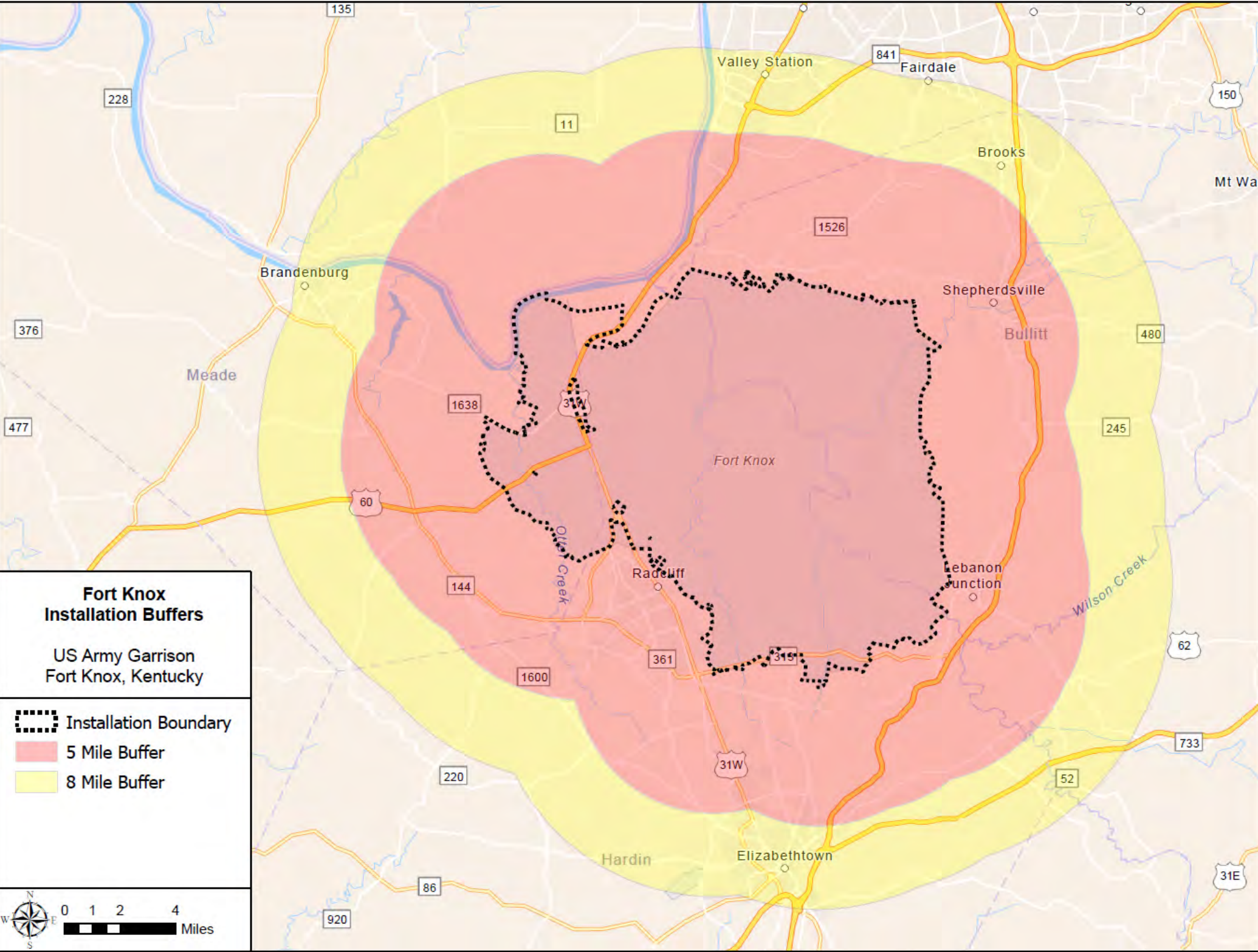
Annexations – Compatible Use Considered

Real Estate Disclosures

Possible Version of the Proposed Language:

...property is contained wholly or partially within eight (8) miles of the US. Army's Fort Knox or Fort Campbell, and may be affected by noise or air installation compatible use zones or other operations; and...

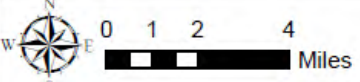
Via Kentucky Real Estate Commission – Form 402



**Fort Knox
Installation Buffers**

US Army Garrison
Fort Knox, Kentucky

-  Installation Boundary
-  5 Mile Buffer
-  8 Mile Buffer



OTHER ELEMENTS BEING DONE

Compatible Land Use Risk Analysis

Fort Knox Market Area Housing Study

Hazard & Resiliency Review

Compatible Conservation Report

Comprehensive Plans – Status*

Bullitt Co. – June 2015 (includes cities)

Elizabethtown – June 2022

Hardin Co. – Aug. 2019 (update underway)

Meade Co. – Aug. 2021

Muldraugh – Aug. 2013

Radcliff – Aug. 2019

Vine Grove – Apr 2012

West Point - 2004

** to the best of my knowledge.*

FORT KNOX INSTALLATION COMPATIBLE USE ZONE STUDY - 2018

The ICUZ is a proactive planning tool, which can help guide future development in surrounding communities.

At a minimum, local municipal governments are encouraged to support public disclosure of all Noise Zones and supplemental metrics which convey how military training operations affect the noise environment.

The ICUZ study describes the noise characteristics of a specific operational environment...

FORT KNOX INSTALLATION COMPATIBLE USE ZONE STUDY



June 2018



Environmental Noise Branch
Army Public Health Center

Update Building Permits

RESIDENTIAL BUILDING PERMITS	PRIMARY SOURCE DATA RANGE			
	FROM	TO	NOTE	
Bullitt County	1/1/2010	12/31/2019	1/28/2020	32 thru Jan 2020
Hardin County	1/1/2009	12/31/2019		
Elizabethtown	1/1/2010	12/31/2019	1/22/2020	8 thru Jan 2020
Radcliff	1/1/2017	12/31/2019		
Vine Grove	1/1/2009	12/31/2019		
West Point	<i>nda</i>	<i>nda</i>		
Meade County	7/1/2010	6/30/2020		
Brandenburg	<i>nda</i>	<i>nda</i>		
Muldraugh	1/1/2010	12/31/2019		
Nelson County	1/1/2009	12/31/2019		

DISCUSSION