

FAST FACTS:

Compatibility Issues

Potential encroachment and compatibility factors will be studied to create a sustainable balance between community and military needs and interests, therefore promoting environments where all coexist successfully.

mission

KNOX



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AIR/ LAND SPACE of an adequate size and quality are necessary for the military to accomplish training and operational missions. Competition for these shared resources can impact future growth of community and military uses.



NOISE

Exposure to high noise levels can have a significant impact on human activity, health, and safety, as well as wildlife, livestock, and pets. Training operations that involve aircraft, ground vehicles, and weaponry can create noise impacts that extend beyond military installations.



VIBRATION may result from explosions, noise, mechanical operations, or other changes in the environment created by community or military activities.



ENERGY DEVELOPMENT

of alternative energy sources such as solar, wind or biofuel could raise issues related to glare, vertical obstruction or water quality/quantity.

LAND USE

Protects the public's health, safety and welfare by ensuring the use of one property does not negatively impact the use of another. The CUP study will examine local jurisdictions' comprehensive plans and zoning ordinances with military installation master plans to ensure compatibility.



ENDANGERED & THREATENED SPECIES

can be pushed out of habitat areas by development, thus increasing their numbers on installations. The presence of threatened or endangered species may require special development considerations and should be included early in planning processes for installations and communities.

COMMUNICATION & COORDINATION

The lack of interface between entities can cause confusion and frustration when issues arise. Encouraging dialogue and ongoing collaboration develops environments where each can successfully coexist.



LIGHT & GLARE

from commercial, industrial, recreational, and residential uses can interfere with both community and military activities, impacting the use of military night-vision devices and air operations or negatively affecting the community.



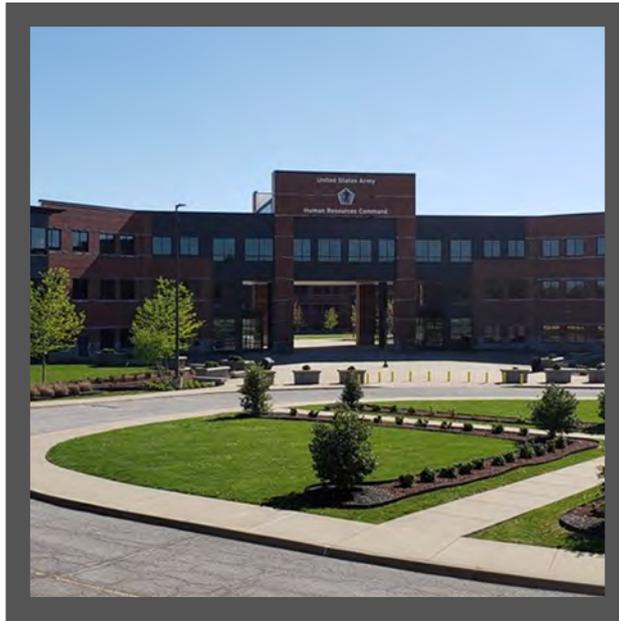


SAFETY zones include areas where development needs to be more restrictive due to the high risks to public safety, such as weapons ranges and flight corridors.

SECURITY related to Anti-Terrorism/Force Protection is of primary concern as Fort Knox is home to the military's Human Resource Command.



Safety of installation personnel, facilities, and information from outside threat is vital, and impacts off-installation uses.



FREQUENCY SPECTRUM

CAPACITY is critical for maintaining existing and future missions and communications on installations. Advances in consumer electronics have increased use of the frequency spectrum and can impact military operations.

INTERFERENCE

Interrupting electronic signals or the inability to distribute and receive a particular frequency because of similar frequency competition.



TRANSPORTATION & INFRASTRUCTURE



Issues cover the provision or development of infrastructure such as roads, sewer, water, etc., in the proximity of the installation. Expanded infrastructure can enhance operations of the installation but also encourage growth in other areas that might not be compatible. Transportation capacity and congestion are factors to consider as population increases in the surrounding communities and on the installation.

AIR QUALITY

from a compatibility perspective includes pollutants that limit visibility and fails to reach air quality standards that may limit future changes in operation at the installation or in the surrounding communities. Examples include: fire from artillery exercises, ground disturbance from military operations or industrial activities.



WATER QUALITY & QUANTITY

concerns include the guarantee that adequate water supplies of good quality are available for use by the surrounding communities and the military installation as the area develops. This also takes into consideration growth for agricultural and industrial use along with stormwater issues.



VERTICAL OBSTRUCTION

Tall structures such as buildings, construction cranes, wind turbines and cell towers within the vicinity of Fort Knox can be hazardous and encroach into navigable air space or line of sight radar transmissions.



For more information on MissionKnox, visit the project website at www.missionknox.org or call Lincoln Trail Area Development District at 270-769-2393.

