



**DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 88TH AIR BASE WING (AFMC)
WRIGHT-PATTERSON AIR FORCE BASE OHIO**

MEMORANDUM FOR AREA GOVERNMENTS

FROM: 88 ABW/CC

SUBJECT: Air Installations Compatible Use Zones (AICUZ) Study

1. The 2022 AICUZ Study for Wright-Patterson Air Force Base (WPAFB) is an update of the AICUZ Study dated 1995. The Air Force initiated the update to include changes to municipal land use and zoning data, increased development surrounding the installation, and the introduction of the hazards to aircraft flight zone (HAFZ) area of consultation. The Air Force provides this AICUZ study to aid in the development of local planning mechanisms that will protect the public health, safety, and welfare, as well as preserve the operational capabilities of WPAFB.

2. This AICUZ Study contains a description of the affected area around the installation. It outlines the location of runway Clear Zones (CZs), Accident Potential Zones (APZs), and operational noise footprint, and provides recommendations for development that is compatible with military operations. It is our recommendation that local governments incorporate these recommendations into community plans, zoning ordinances, subdivision regulations, building codes, and other related documents.

3. This study provides noise contours based upon the Day-Night Average Sound Level (DNL) metric and utilizes a planning noise contour that is consistent with the previous AICUZ Study and the overlay district adopted by many of the surrounding municipalities. Long-range planning by local land use authorities involves strategies to influence present and future uses of land. Due to the long-range nature of planning, the Air Force provides planning contours—noise contours based on reasonable projections of future missions and operations. AICUZ studies using planning contours provide a description of the long-term (5- to 10-year) aircraft noise environment for projected aircraft operations that is more consistent with the planning horizon used by state, tribal, regional, and local planning bodies.

4. We greatly value the positive relationship WPAFB has experienced with its neighbors over the years. As a partner in the process, the installation has attempted to minimize noise disturbances by minimizing flights over heavily populated areas, schools, hospitals, and other noise-sensitive areas as much as possible. The Air Force appreciates and values the cooperation of all community stakeholders in the collaborative implementation of the recommendations and guidelines presented in this AICUZ Study update.

5. My point of contact for the AICUZ Study is Mr. Michael Tibbs. Should you have any questions or require additional information, please contact him at (937) 656-3394 or michael.tibbs@us.af.mil

PATRICK G. MILLER, Colonel, USAF
Commander

Strength Through Support