



**AIR INSTALLATION
COMPATIBLE USE ZONE
(AICUZ) STUDY
for
Dyess Air Force Base, Texas**

Headquarters Air Combat Command



October 2008

ABBREVIATIONS AND ACRONYMS

7 BW	7th Bomb Wing	DOD	Department of Defense
7 OSS	7th Operations Support Squadron	FAA	Federal Aviation Administration
9 BS	9th Bomb Squadron	FICUN	Federal Interagency Committee on Urban Noise
12 AF	12th Air Force	FY	Fiscal Year
28 BS	28th Bomb Squadron	GIS	Geographic Information System
39 AS	39th Airlift Squadron	HUD	U.S. Department of Housing and Urban Development
40 AS	40th Airlift Squadron	Hz	Hertz
317 AG	317th Airlift Group	LZ	Landing Zone
ACC	Air Combat Command	MSL	Mean sea level
AFB	Air Force Base	NLCD	National Land Use Cover Data
AFH	Air Force Handbook	NLR	Noise Level Reduction
AFI	Air Force Instruction	SAC	Strategic Air Command
AICUZ	Air Installation Compatible Use Zone	SLUCM	Standard Land Use Coding Manual
AIZ	Airport Influence Zone	TAC	Tactical Air Command
AMC	Air Mobility Command	USAF	U.S. Air Force
APZ	Accident Potential Zone	USEPA	U.S. Environmental Protection Agency
ATC	Air Traffic Control		
CFR	Code of Federal Regulations		
CZ	Clear Zone		
dBA	A-weighted decibel		
DNL	Day-Night Average A-weighted Sound Level		



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 7TH BOMB WING (ACC)
7 LANCER LOOP
DYESS AIR FORCE BASE TEXAS 79607

01 OCT 2008

MEMORANDUM FOR AREA GOVERNMENTS

FROM: 7 BW/CC

SUBJECT: Air Installation Compatible Use Zone Study

1. This Air Installation Compatible Use Zone (AICUZ) Study for Dyess Air Force Base (AFB) is an update of the AICUZ Study from 2000. The update was initiated because of changes in aircraft operations since the last AICUZ was released. The update provides a reevaluation of aircraft noise and accident potential related to U.S. Air Force (USAF) flying operations. This report is designed to aid in the development of local planning mechanisms which will protect public safety and health, as well as preserve the operational capabilities of Dyess AFB.
2. The enclosed report contains a summary description of the affected areas around the base. The report outlines the locations of runway Clear Zones (CZs), aircraft Accident Potential Zones (APZs) and noise zones, and identifies compatible land use for areas in the vicinity of the base. It is our hope that this information will be incorporated into community plans, zoning ordinances, subdivision regulations, building codes, and other related documents.
3. The basic objective of the AICUZ Program is to achieve compatible uses of public and private lands in the vicinity of military airfields by controlling incompatible development through local actions. This report provides the information necessary to maximize beneficial use of the land surrounding Dyess AFB while minimizing the potential for any reduction in the health and safety of the affected public.
4. We greatly value the positive relationship Dyess AFB has experienced with its neighbors over the years. As a partner in the process, we have attempted to minimize noise disturbances through such actions as minimizing late night flying and avoiding flights over heavily populated areas. We solicit your cooperation in implementing the recommendations and guidelines presented in this AICUZ report.

ROBERT F. GASS, Colonel, USAF
Commander, 7th Bomb Wing



**AIR INSTALLATION COMPATIBLE USE ZONE STUDY
FOR
DYESS AIR FORCE BASE, TEXAS**

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