

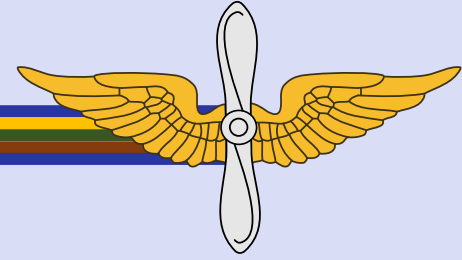


Fort Novosel Compatible Land Use Study Committee Meeting 4

**Thursday, July 13, 2023
10:00 AM to 1:00 PM
Enterprise Farmers Market**

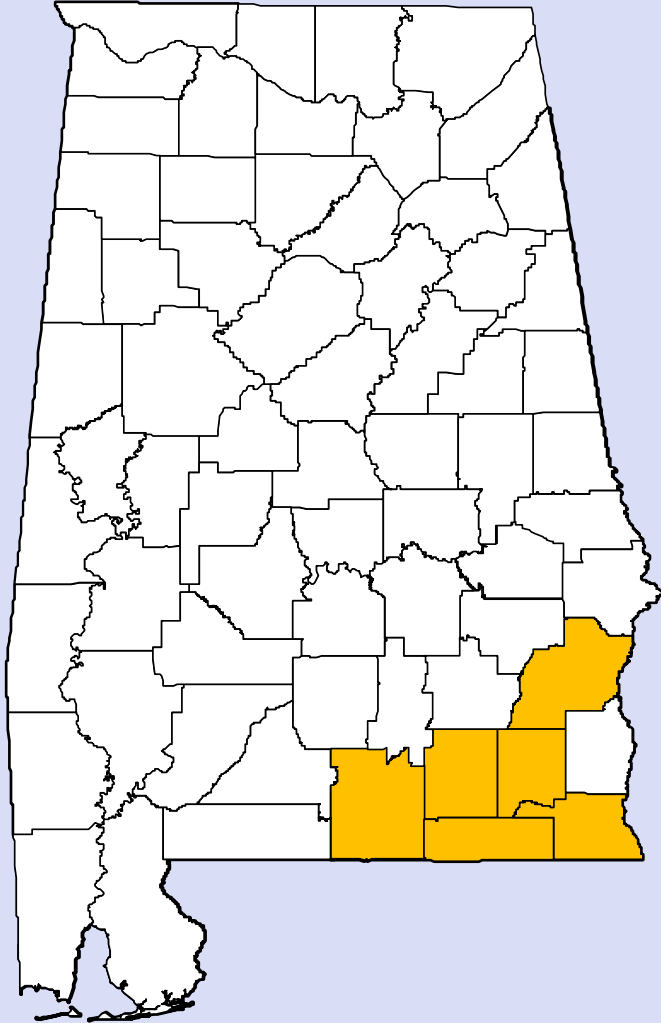
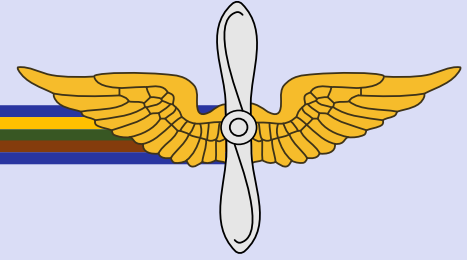


Purpose of the CLUS



A Compatible Land Use Study (CLUS) is a **cooperative land use planning** effort between a military installation and surrounding jurisdictions designed to **promote community growth and development** that is compatible with an installation's training and operational mission(s).

Study Area

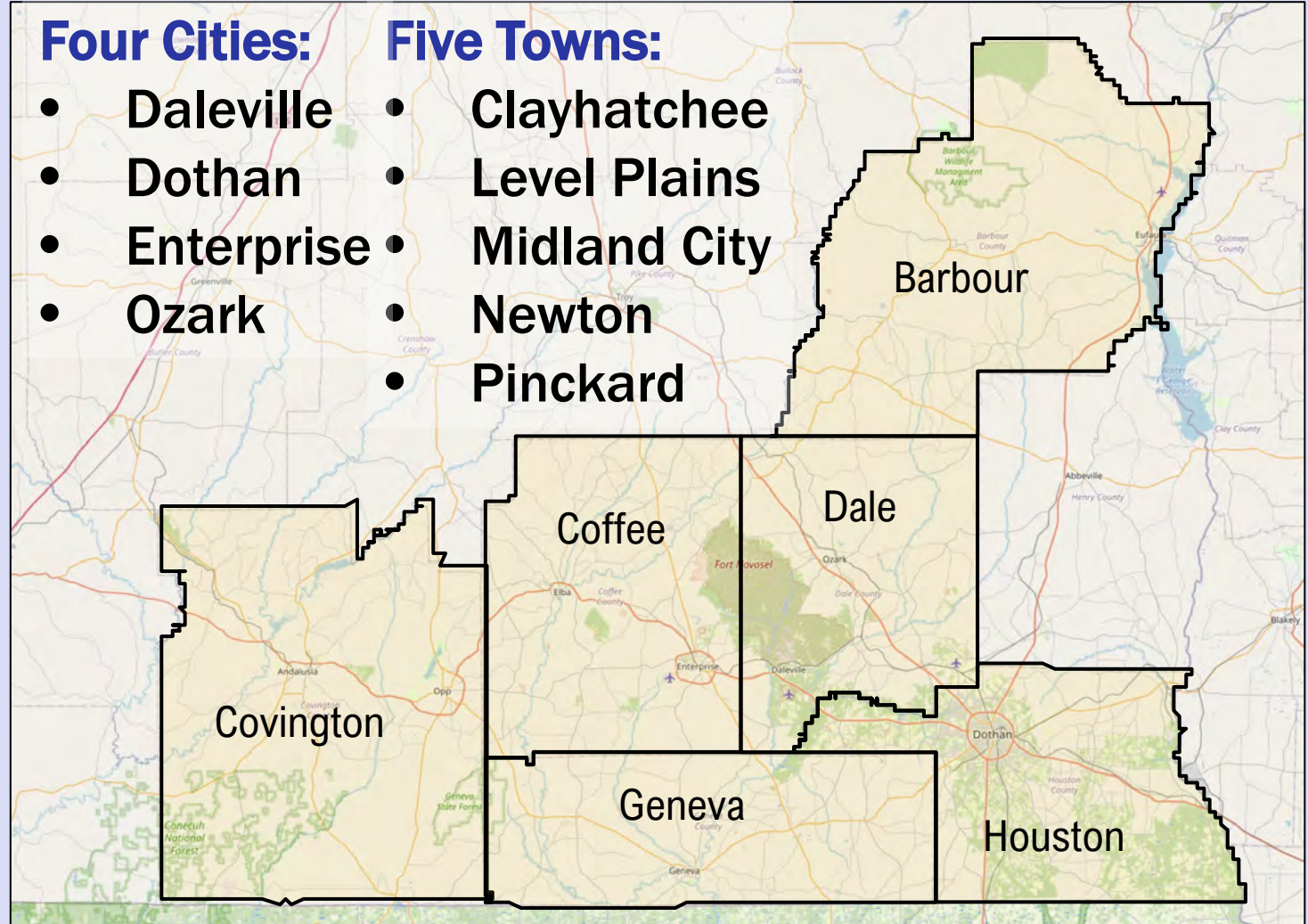


Four Cities:

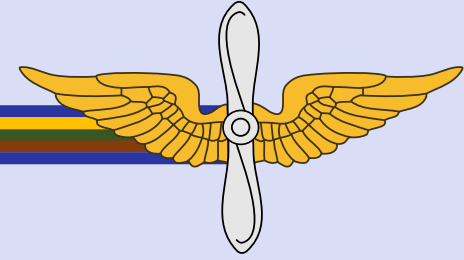
- Daleville
- Dothan
- Enterprise
- Ozark

Five Towns:

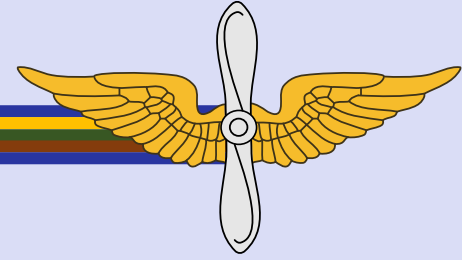
- Clayhatchee
- Level Plains
- Midland City
- Newton
- Pinckard



Meeting Dates and Topics



Last Meeting: (June 22, 2023)



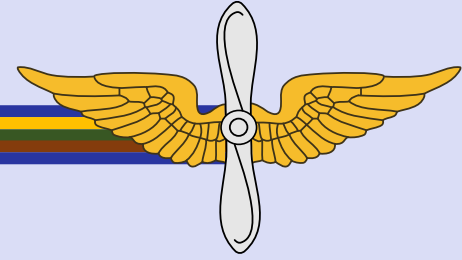
MEETING 2:

- Fort Novosel Sites:
 - Noise Zones
 - Surrounding Land Uses
- Land Use Regulatory Tools
- Enterprise Airport Zoning
- Issue Identification

MEETING 3:

- Fort Novosel Master Plan
- Army Compatible Use Buffer Program
- Sentinel Landscapes
- Citizen Survey
- Categorizing and Prioritizing Issues
- Issue Resolution

Today's Agenda



- Economic Impact of Airports in Alabama
- Fort Novosel CLUS Community Survey Results
- Fort Novosel CLUS Summary

ALDOT



Fort Novosel Compatible Land Use Study

ALDOT Jason Hare



O:334-353-6223

C:334-315-6947

hares@dot.state.al.us

ALDOT





Introduction To The Aeronautics Bureau



Quick Word About The 2020 Airport System Plan And Economic Impact Study



ALDOT

Quick Facts From The Airport System Plan & Economic Impact Study



DEPARTMENT OF TRANSPORTATION

The Aeronautics Bureau and Military Aviation

ALDOT



DEPARTMENT OF TRANSPORTATION

Introduction To The Aeronautics Bureau

- Staff Comprised Of Eight Employees

- Frank Farmer – Bureau Chief
- Martha Hutsler – Office Manager
- Taylor Janney – Engineering Manager
- Jason Hare – Aeronautics Manager
- Paige Mulder – Senior Accountant
- Bennett Head – Airport Inspector
- Mark Bowron – Airport Inspector
- Vacant – Staff Accountant

Introduction To The Aeronautics Bureau

Major Tasks And Responsibilities

- Administer The Aeronautics Bureau Grant Program
- Inspect Landing Areas
- Act As Channeling Authority For Alabama Airports
- Assist Airports With Matters Regarding Aviation, Airport Engineering, and Airport Administration

Introduction To The Aeronautics Bureau

Video

<https://www.dot.state.al.us/publications/Aero/vid/ALDOTAlabamaAirports.mp4>

Quick Word About The 2020 Alabama Airport System Plan And Economic Impact Study

- Provides Information About the Alabama Network Of Airports And How It Provides Viable Transportation For The State Of Alabama.
- Illustrates The Current Status Of Alabama Airports As Well As The Forecasted Demands And Needs For The Alabama Airport System.
- Shows The Economic Impact And Value Of Airports On The Alabama Economy.

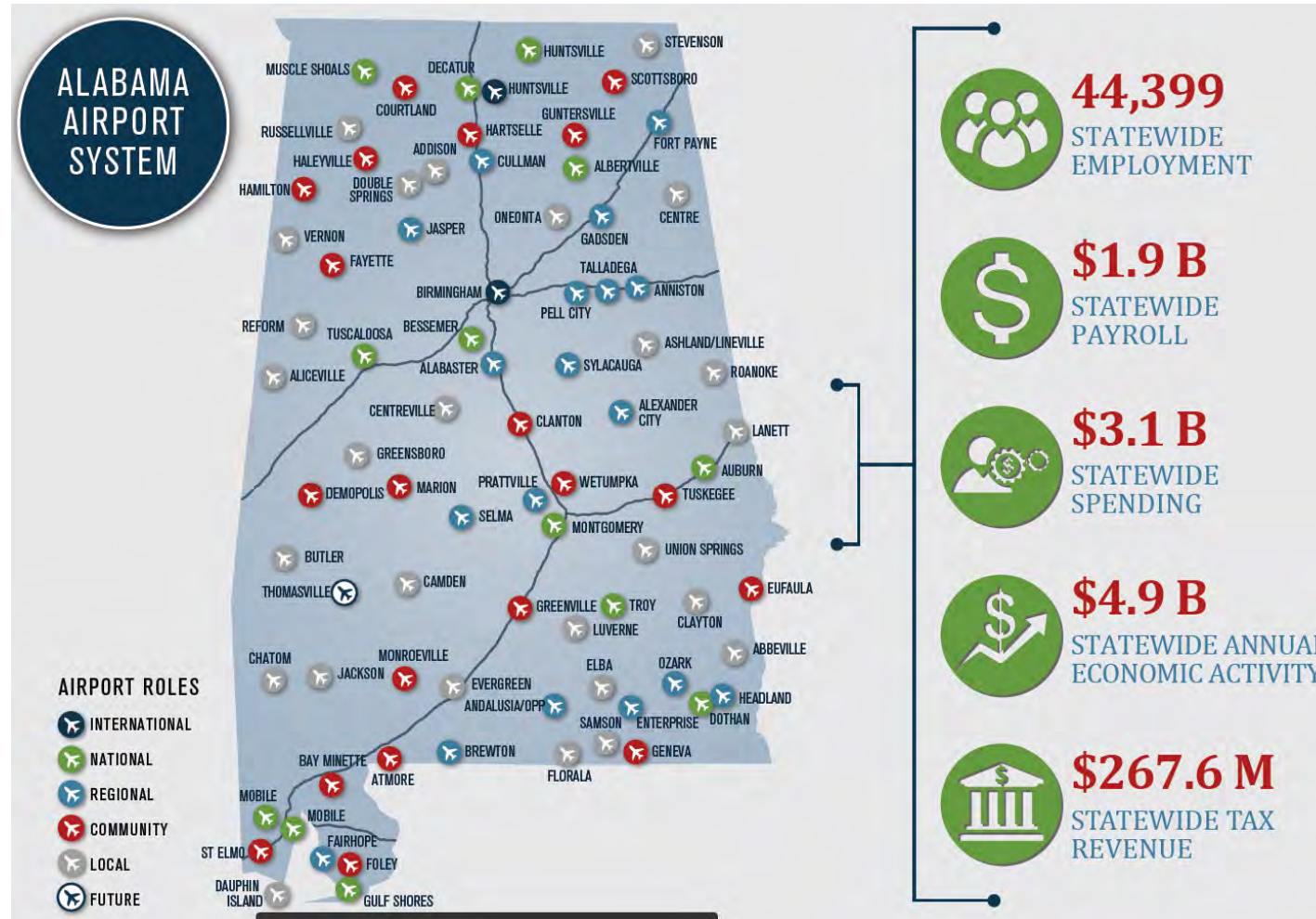
Quick Word About The 2020 Alabama Airport System Plan And Economic Impact Study

- Where To Find The Alabama Airport System Plan And Economic Impact Study:

<https://www.dot.state.al.us/programs/StatewideAirportSystemPlan.html>

- Thumbdrives Available

Quick Facts From The 2020 Alabama Airport System Plan And Economic Impact Study



Quick Facts From The 2020 Alabama Airport System Plan And Economic Impact Study

ALABAMA AIRPORTS CONTRIBUTE **\$267.6 MILLION** ANNUALLY TO STATE & LOCAL TAX REVENUES

	INCOME TAX	SALES TAX	COMBINED
COMMERCIAL SERVICE AIRPORTS	\$29.2 MILLION	\$125.7 MILLION	\$154.9 MILLION
GENERAL AVIATION AIRPORTS	\$19.9 MILLION	\$92.7 MILLION	\$112.7 MILLION

**A N N U A L
V I S I T O R S**
ARRIVING BY AIR

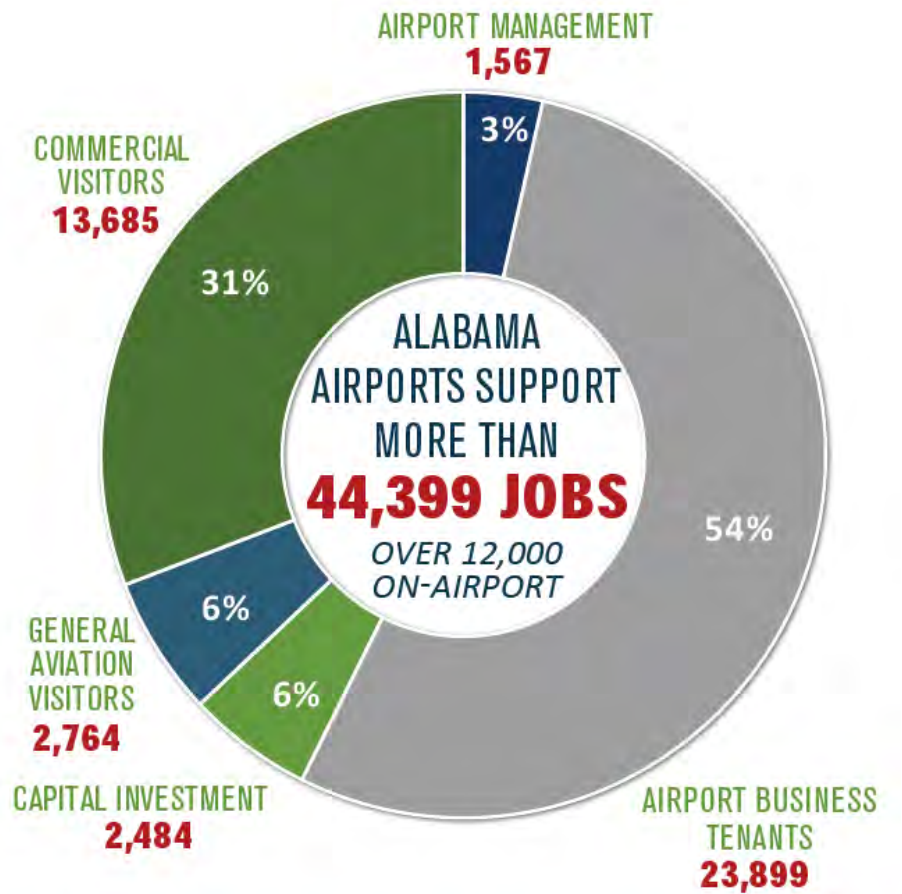
1.2
MILLION

COMMERCIAL
AIRLINE
VISITORS

451,100

GENERAL
AVIATION
VISITORS

Quick Facts From The 2020 Alabama Airport System Plan And Economic Impact Study



AVERAGE ANNUAL PAYROLL FOR AN ON-AIRPORT JOB EXCEEDS **\$65,000**



AIRPORTS SUPPORT **2.2%** OF ALL STATEWIDE JOBS



1.7 MILLION VISITORS ARRIVE IN ALABAMA BY AIR



AIRPORTS SUPPORT **2% OF** ALABAMA'S GDP



GENERAL AVIATION AIRPORTS MAKE UP **44%** OF TOTAL ANNUAL ECONOMIC ACTIVITY

The Aeronautics Bureau And Military Aviation



Military aviation units and military contractors at Alabama airports account for MORE THAN ONE-QUARTER of statewide tenant impacts.

SUPPORTING THE MISSION: MILITARY ACTIVITY AT ALABAMA AIRPORTS

Alabama has a rich military aviation history, and it continues to be a significant part of the state's economy and culture. Alabama's airport system is home to several military aviation installations and numerous private military contractors that were counted as tenants for the purposes of the economic impact study. These military tenants are responsible for a significant share of Alabama airports' overall economic impact. Additionally, there are several separate military aviation installations not associated with a system airport. Despite not being included in the economic impact study, these military aviation installations are significant contributors to the state economy and play an important role in the United States' national security.

The Aeronautics Bureau And Military Aviation



MILITARY AVIATION INSTALLATIONS

- Fort Rucker: U.S. Army Aviation Center of Excellence
- Maxwell Air Force Base
- Redstone Army Airfield
- Naval Outlying Landing Field Barin
- Naval Outlying Landing Field Summerdale
- Naval Outlying Landing Field Brewton

The Aeronautics Bureau And Military Aviation

Military Aviation Impact On The Aeronautics Bureau

- Employment And Personnel
- Presence At Alabama Airports
- Benefits For Individual Airports
 - Fuel
 - Meals
 - Training
- Military Contractors At Alabama Airports

The Aeronautics Bureau And Military Aviation

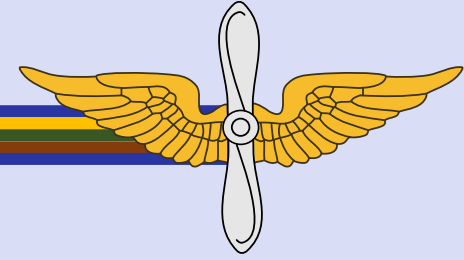
Resources Available To Military Aviation

- Airport Inspection Reports
 - Reports For All Public-Use Airports On Aeronautics Bureau Website
- ALDOT Assistance, Guidance, And Resources
- Alabama Airport Information

Questions?

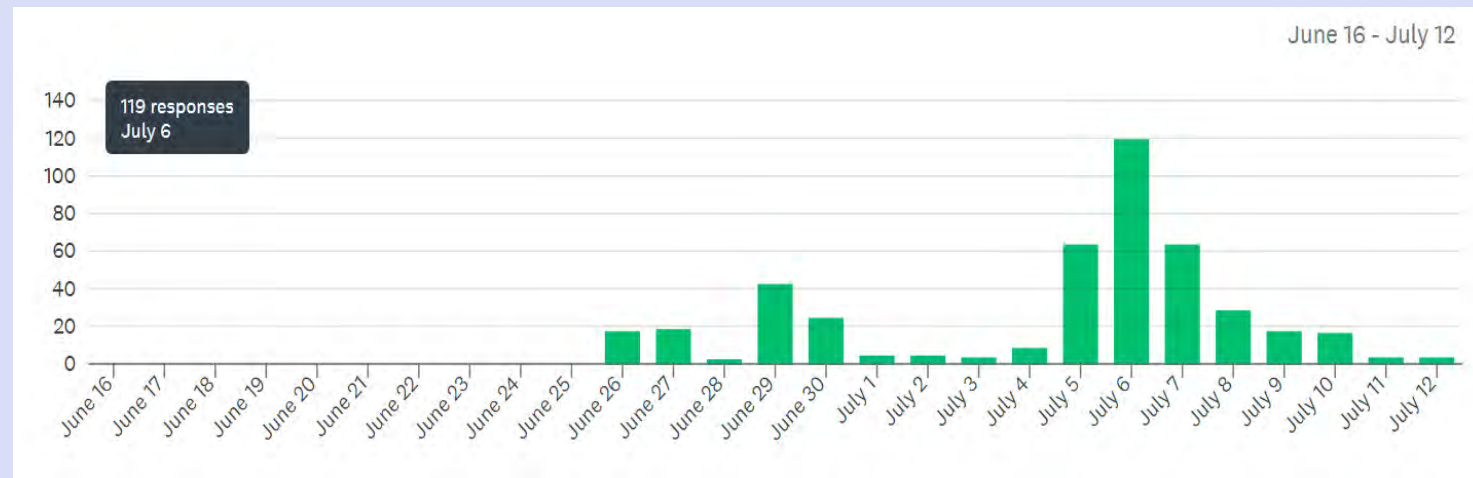


Community Survey



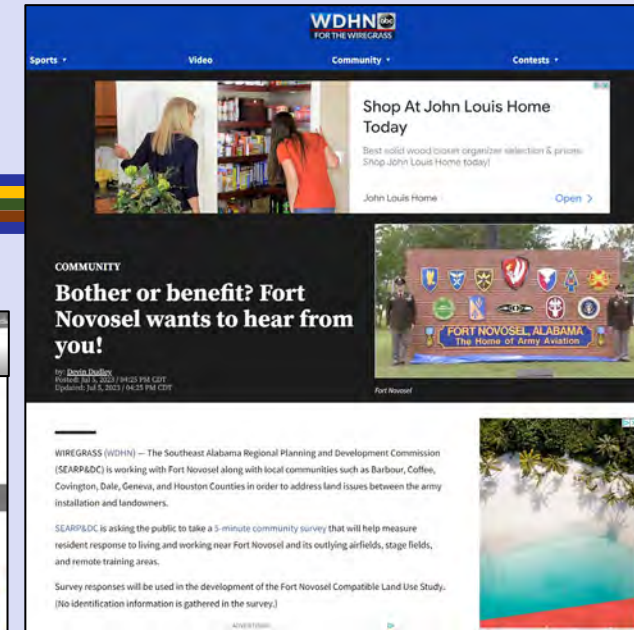
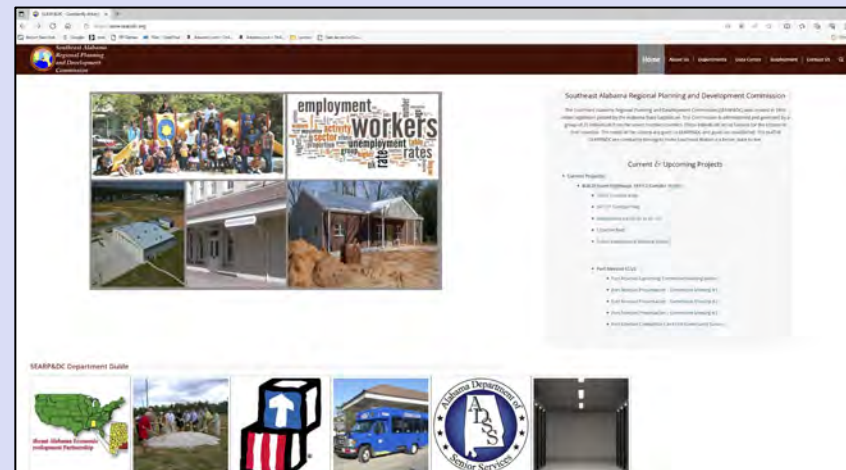
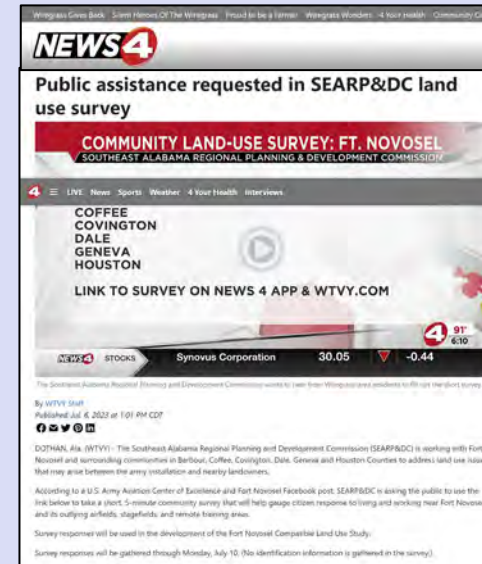
- 17 Questions – 5 Minute Response Time
- Distributed by CLUS Committee Members
- Monday, June 26th through Monday, July 10th

- 434 Responses

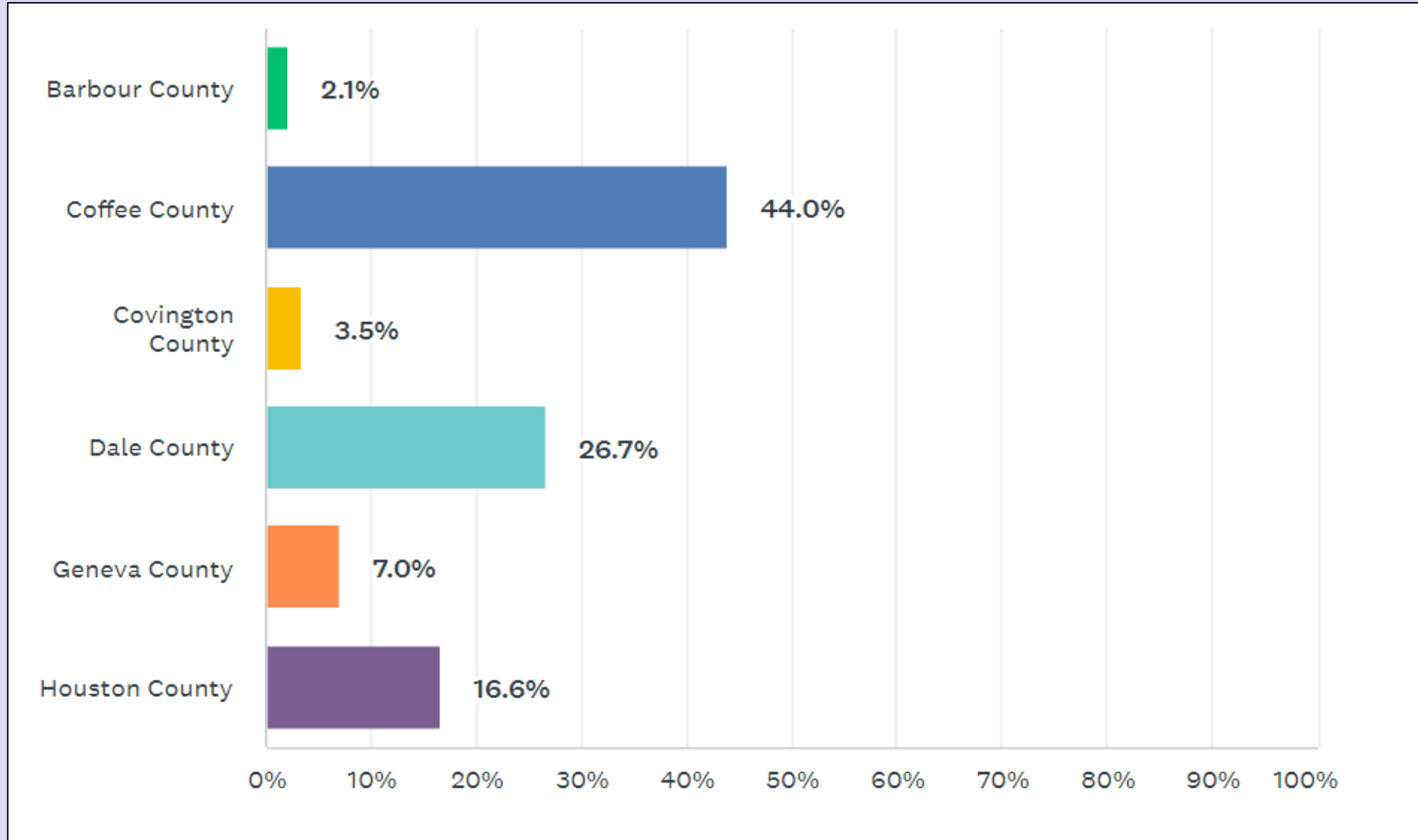


Community Survey Coverage

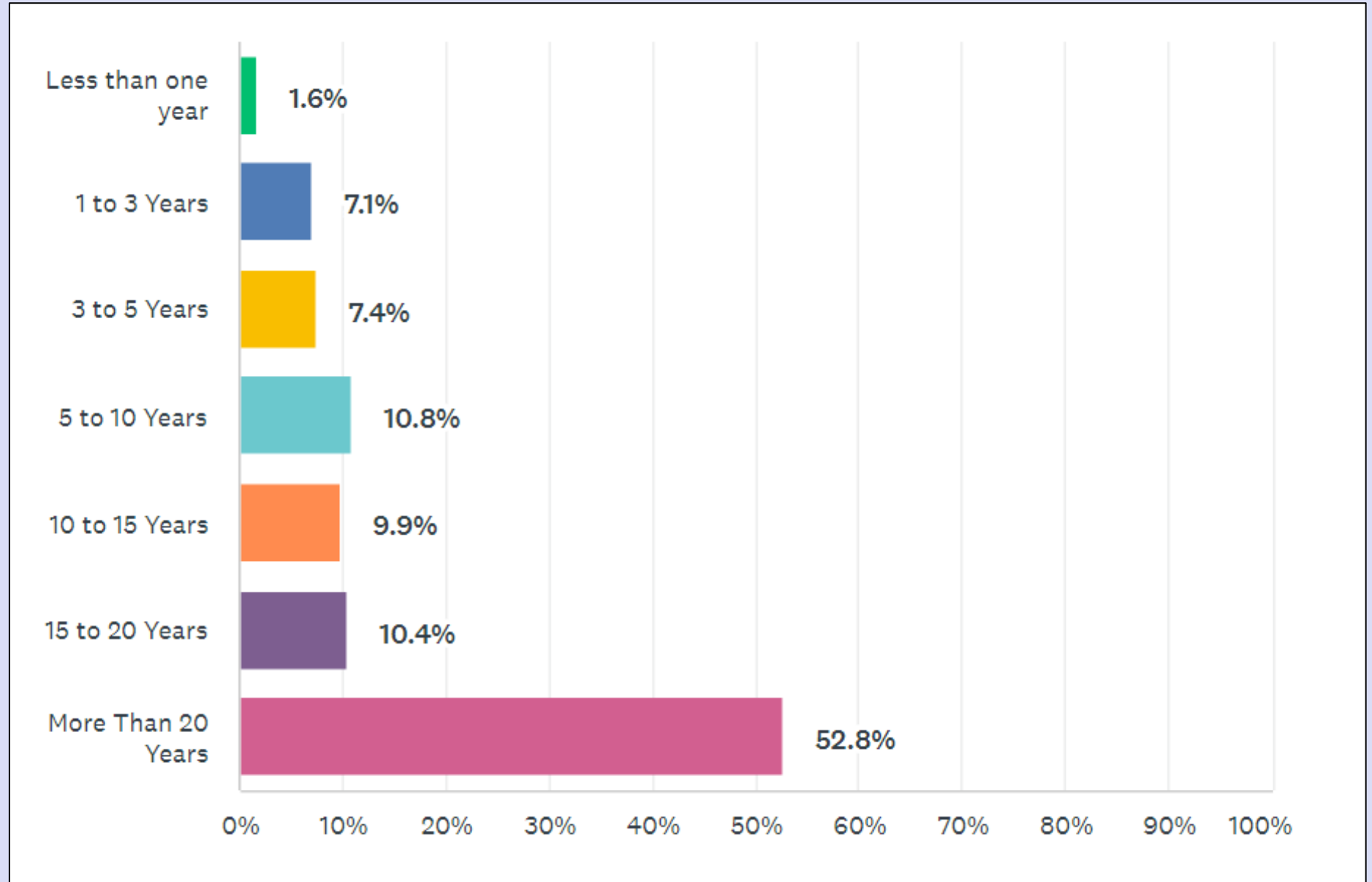
- SEARP&DC Website
- FaceBook:
 - SEARP&DC
 - USAACE and Fort Novosel
 - Daleville Area Chamber of Commerce
 - Dale County Happenings
 - Ozark-Dale County Economic Development Corporation
 - City of Enterprise
- Dothan Eagle
- WDHN News
- WTVY News



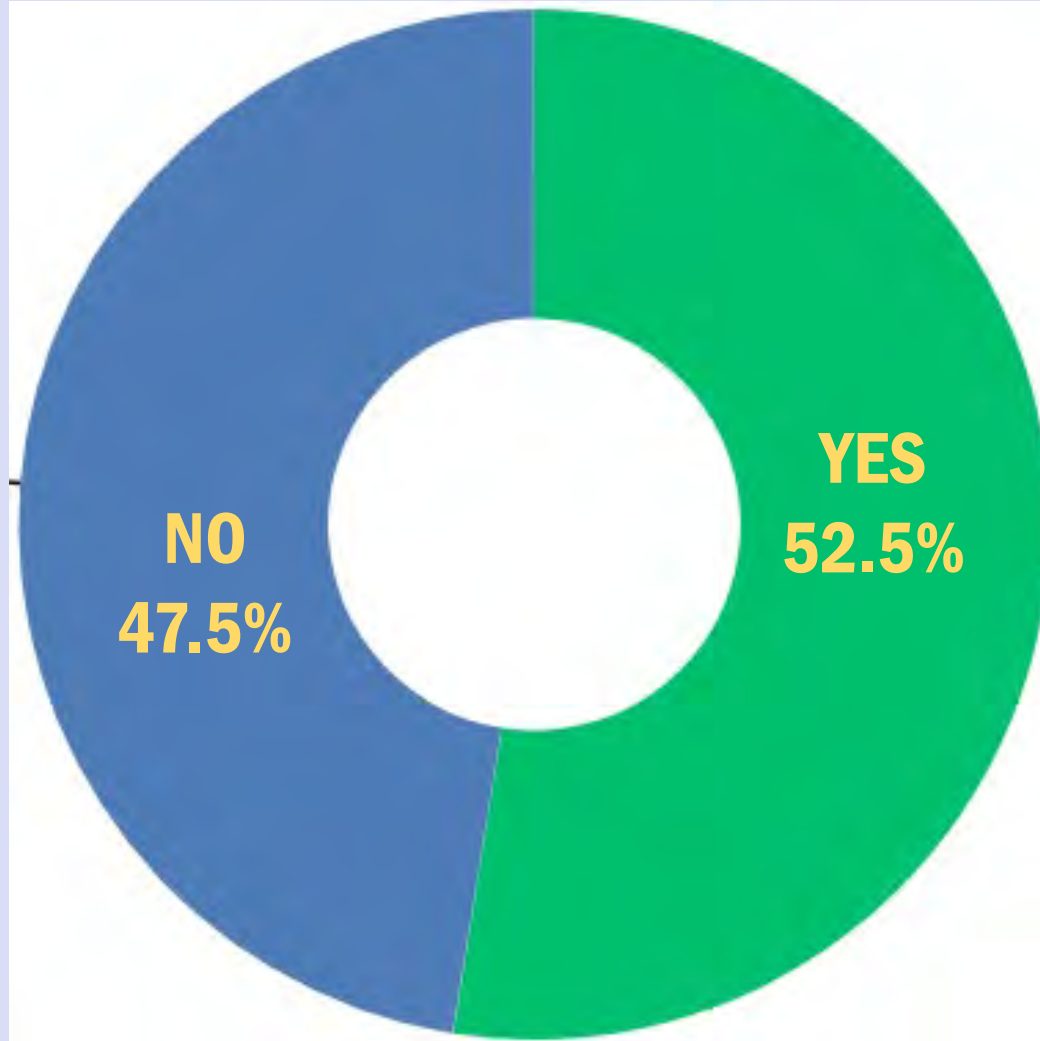
Q1. In what county do you live?



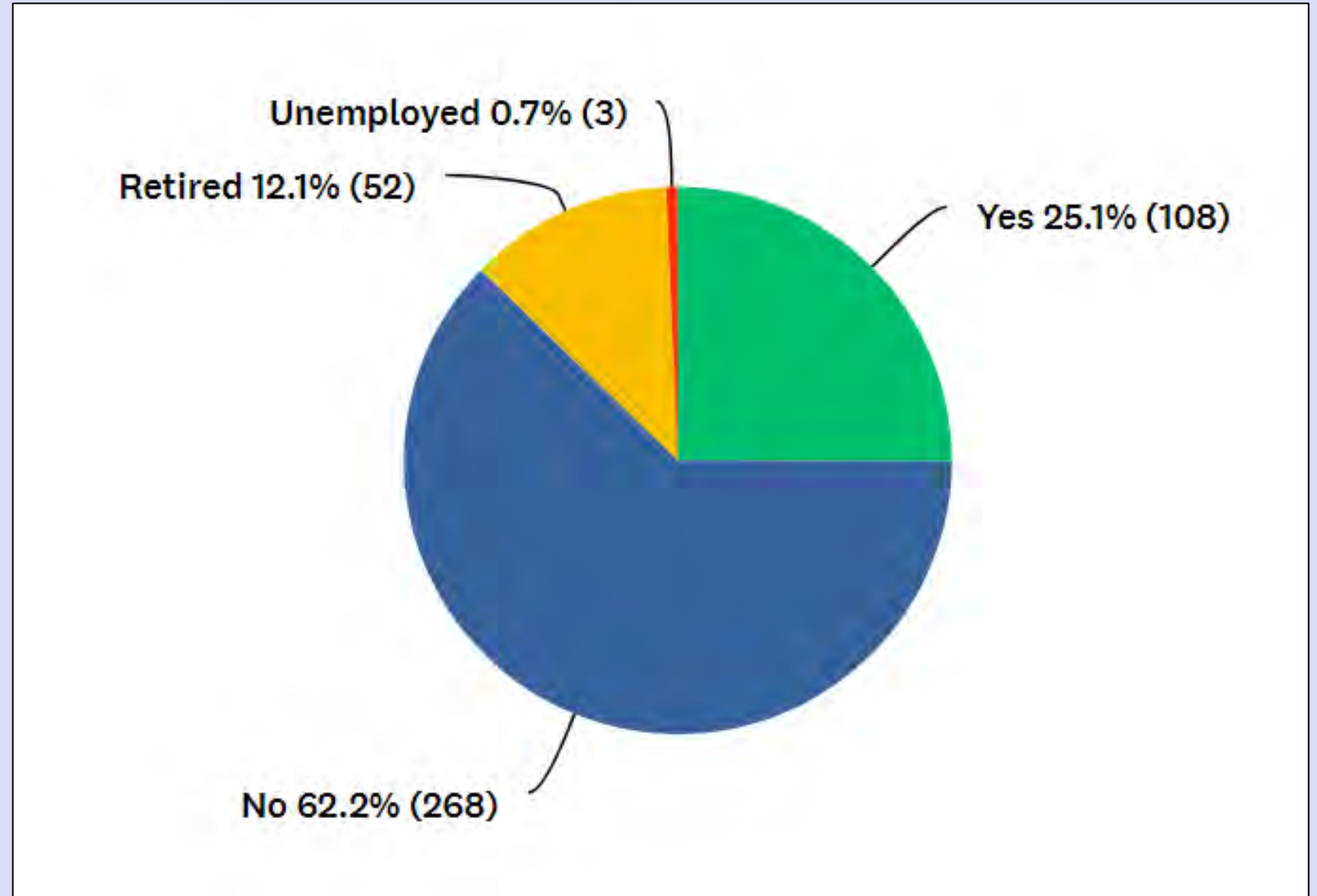
Q2. How many years have you lived in your home county?



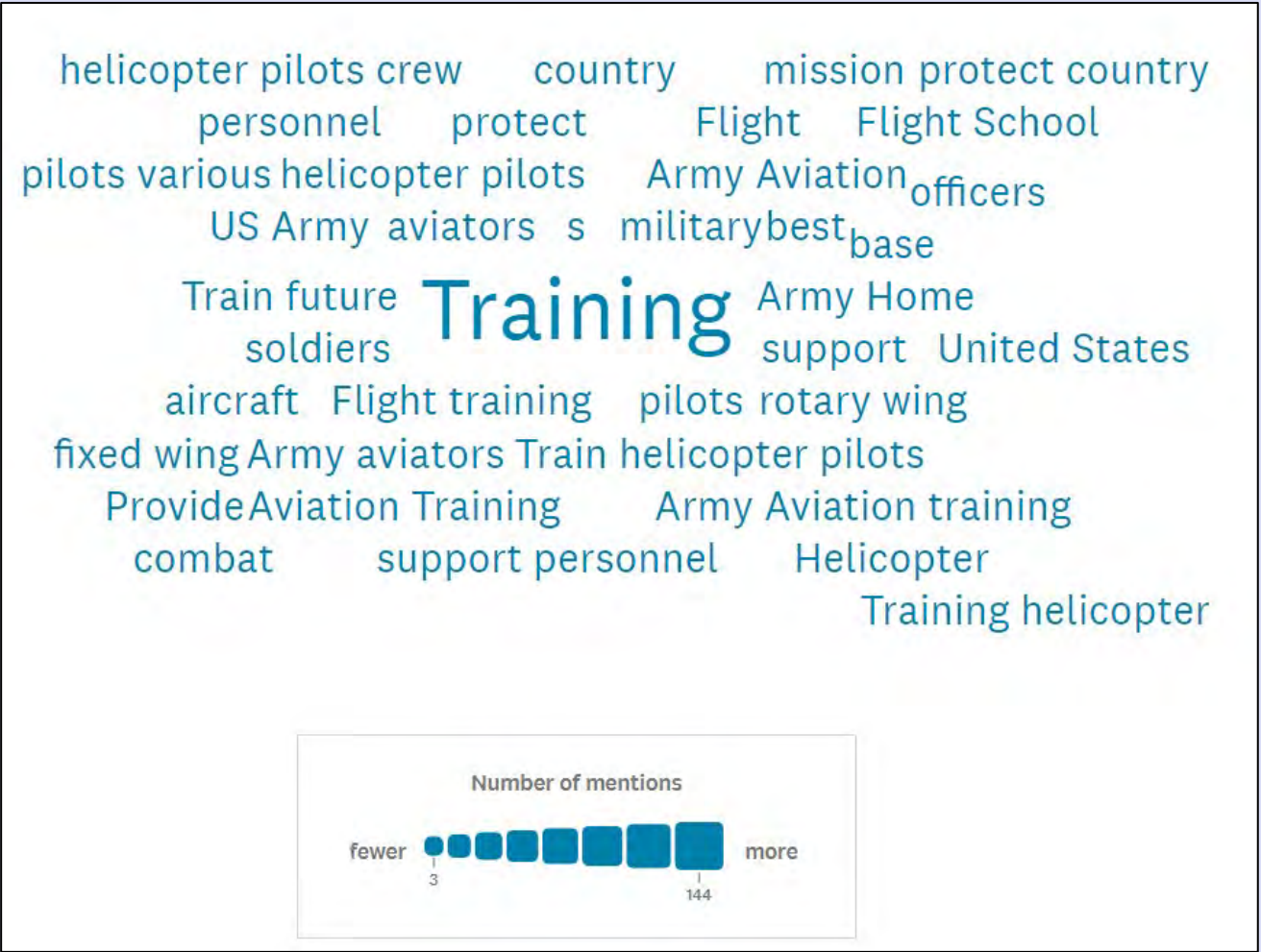
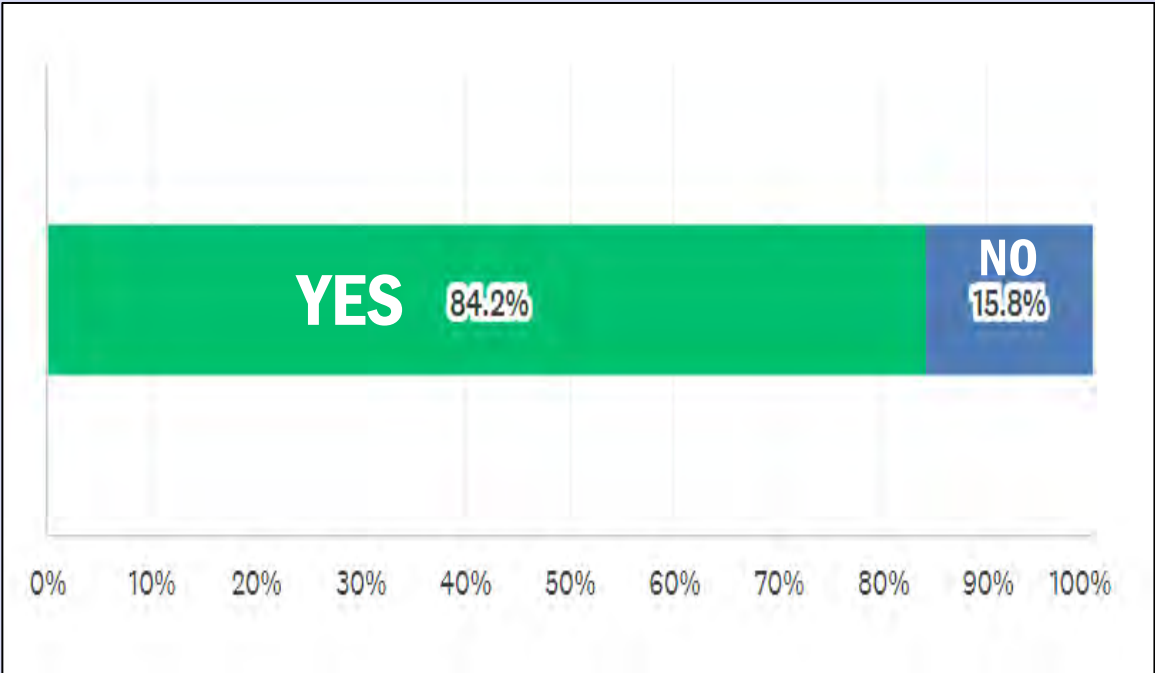
Q3. Are you currently serving or have your previously served in the military; are you a veteran; or are you a military dependent?



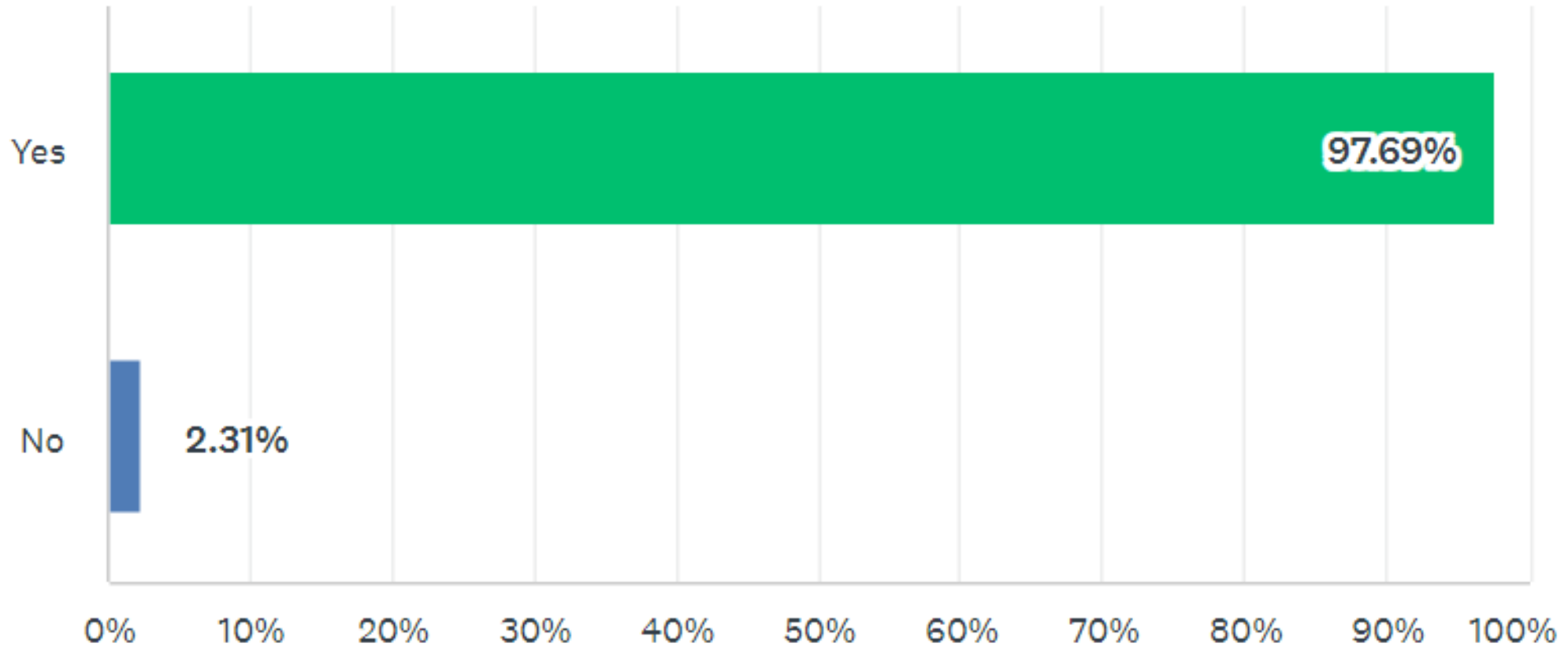
Q4. Do you work on Fort Novosel or for a Fort Novosel contractor?



Q5. Are you fully aware of the mission and training activities that take place on Fort Novosel? What do you perceive to be the primary mission of Fort Novosel?



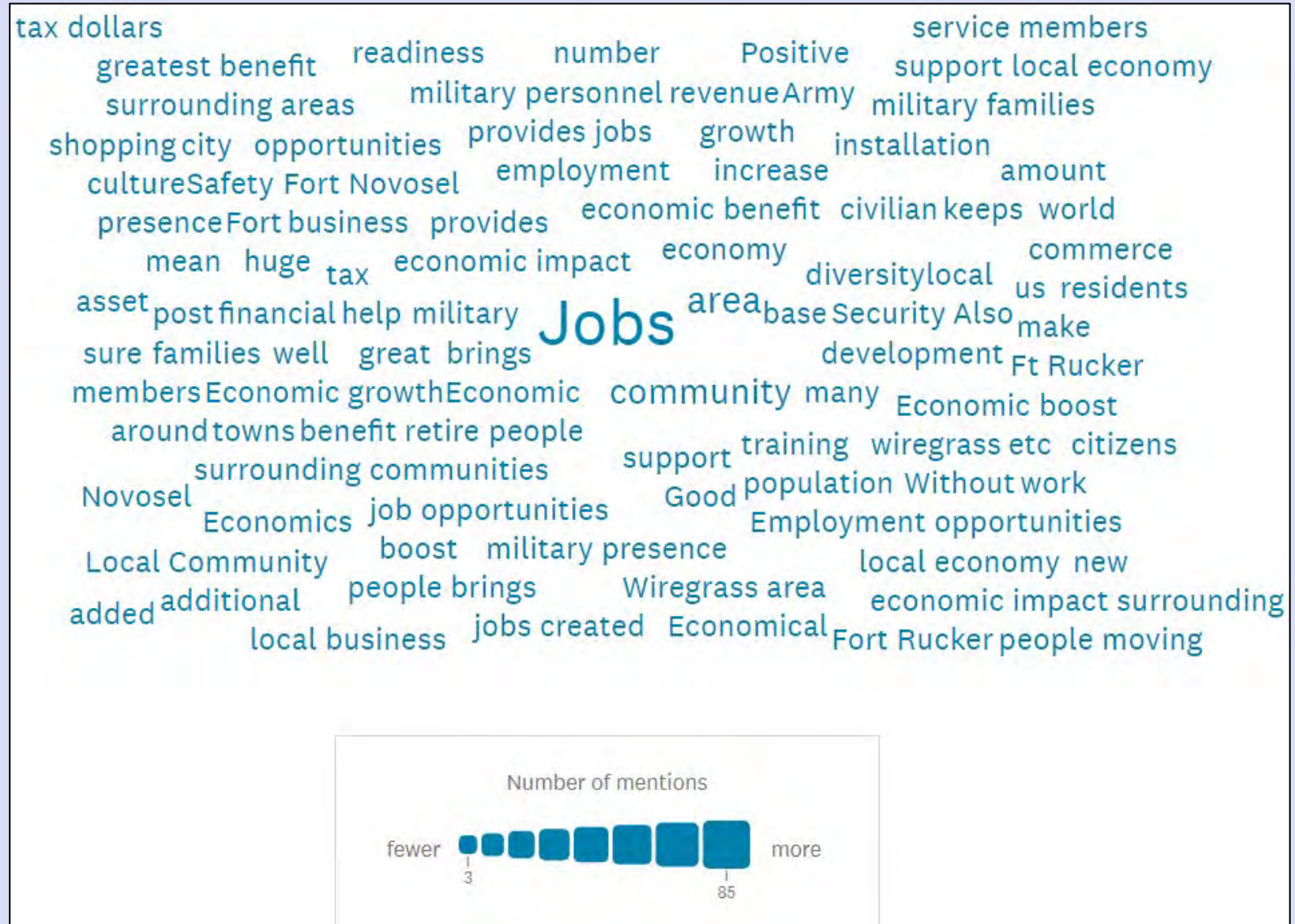
Q6. Do you feel that the presence of Fort Novosel is an economic benefit to the Wiregrass Region?



Q7. What do you think is the greatest benefit of having Fort Novosel in the area?

419 Responses

- **Economic Benefits**
- **Jobs**
- **Revenue and Taxes**
- Cultural Diversity
- Safety
- Military Presence
- Population Growth
- Brings People which brings businesses and activities
- Federal Funding in Schools
- Retirement Access
- Training

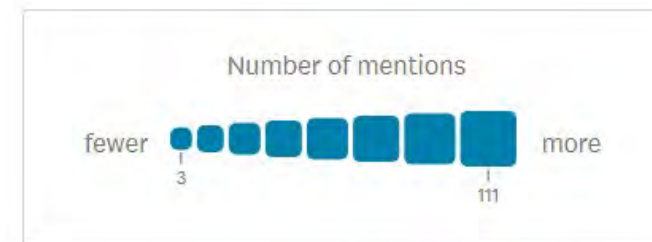


Q8. What do you think is the worst impact that comes from having Fort Novosel in the area?

419 Responses

- Helicopter Noise
- Traffic Congestion
- Potential for attack by other nations
- Potential for helicopter crash
- Helicopter flights over residential neighborhoods
- Not following set protocols when conducting flight operation
- Constant turnover of personnel

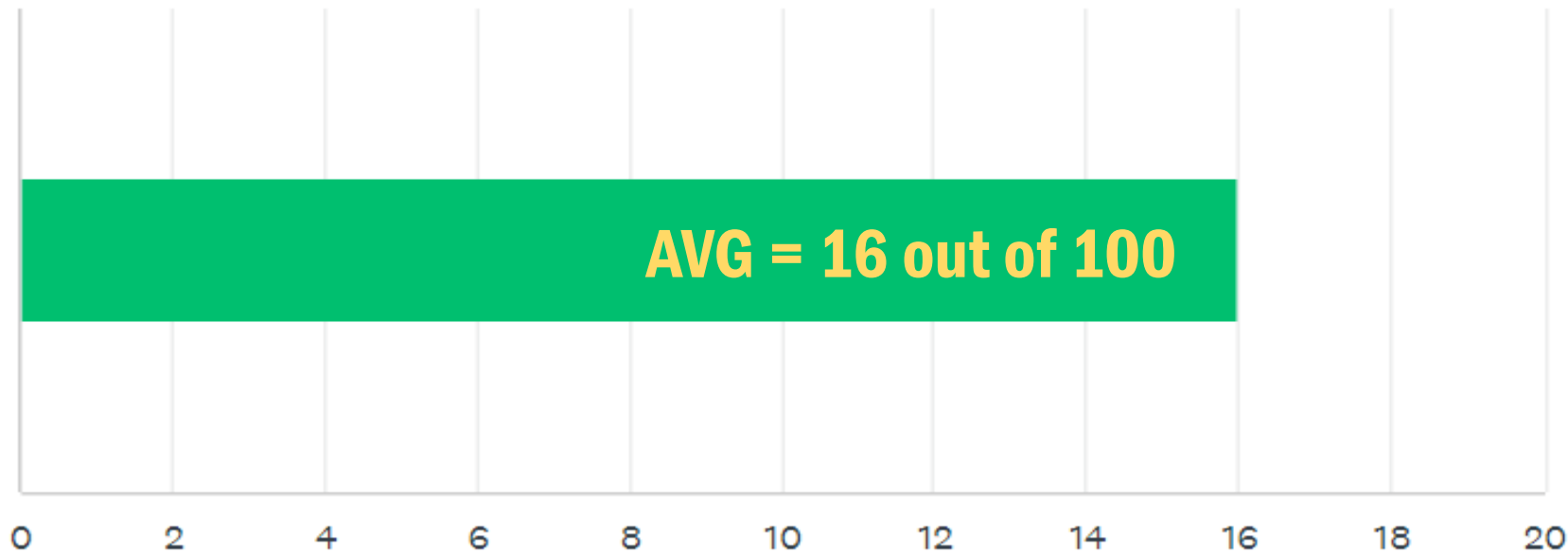
military families higher due Rent higher think negative impact
military personnel around Fort Novosel worst impact
Lack night Noise pollution don't see sure small
think one noise helicopters military
Price near one Nothing High aircraft don't coming
going cause helicopter N **None** Noisetrainingreally
base bad members
leave impact Traffic area housing sometimes
cost living negative impact helicopter noise
constant complaints see negative impact
NA downside communities t see negatives
residential areas think negative military base



Q8. What do you think is the worst impact that comes from having Fort Novosel in the area?

- Fort Novosel took family land
- Environment destroyed
- Avoidable/unmitigated noise with impunity.
- The damage caused by the helicopters and lack of respect for personal property by the pilots
- Local community hates the military and is unfriendly, unwelcoming, and hurts our children educationally. The impact of Novosel in lower Alabama is a disservice to military families.
- The gate side cities need to develop a better partnership with the installation (mayors, council members, and command staff).
- Numerous students & instructor pilots are becoming increasingly lax in obeying minimum flight altitudes over community areas...limits established to reduce incidence of local ranchers, angry over herds being startled by low-flying aircraft, firing upon said aircraft. a situation ripe to dangerously explode in the Forts face once again.
- Housing is high. If you don't work on Rucker or in the military you can't afford it cause there is no where to work

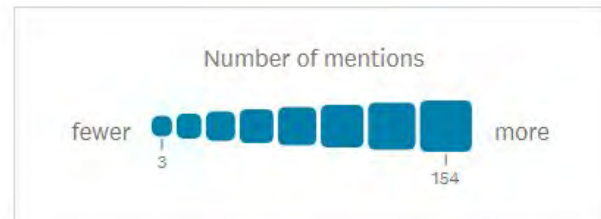
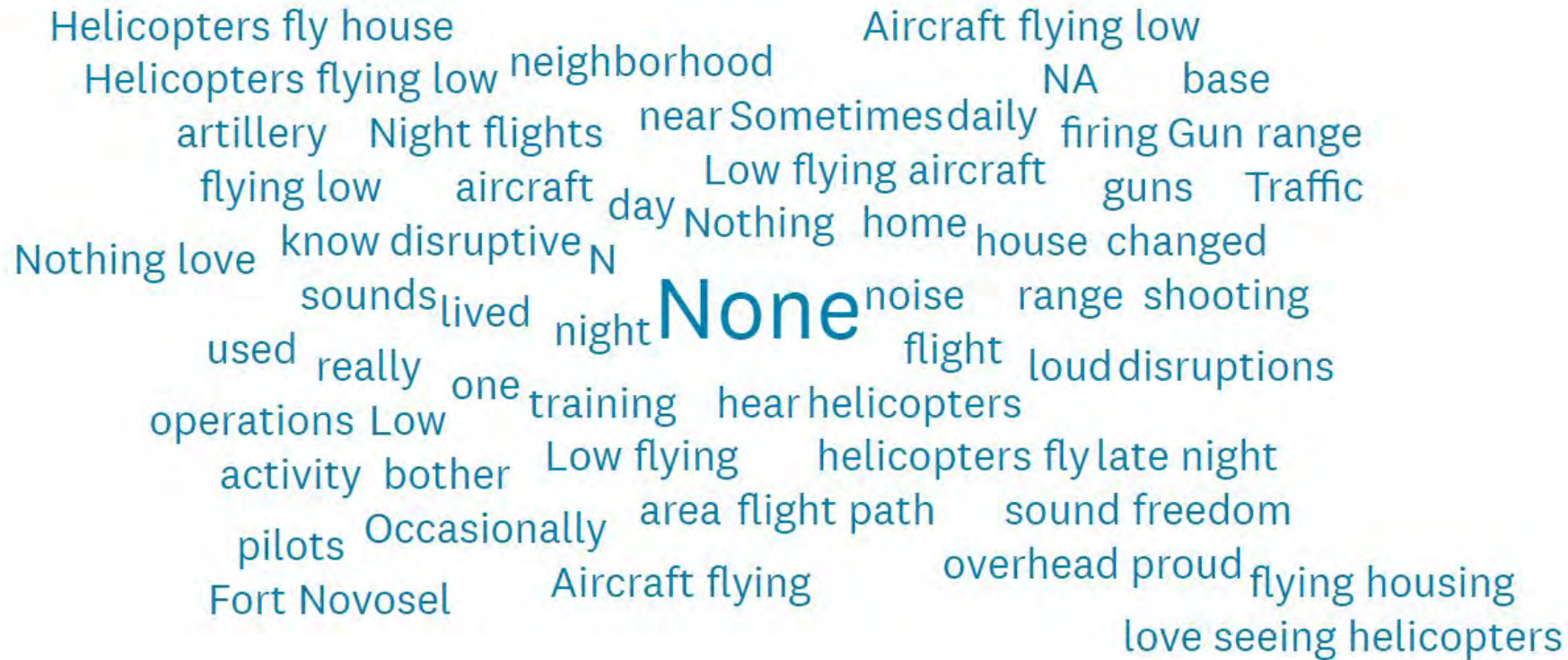
Q10. Have you ever been disturbed by the mission, operations and training exercises that take place on Fort Novosel and in the surrounding area? If so, please use the slider bar below to indicate to what extent Fort Novosel activities disrupt your daily life?



408 Responses

- 0 = 50.5%
- 40-60 = 9.6%
- 90+ = 3.7%

Q11. What Fort Novosel activity do you find most disruptive?

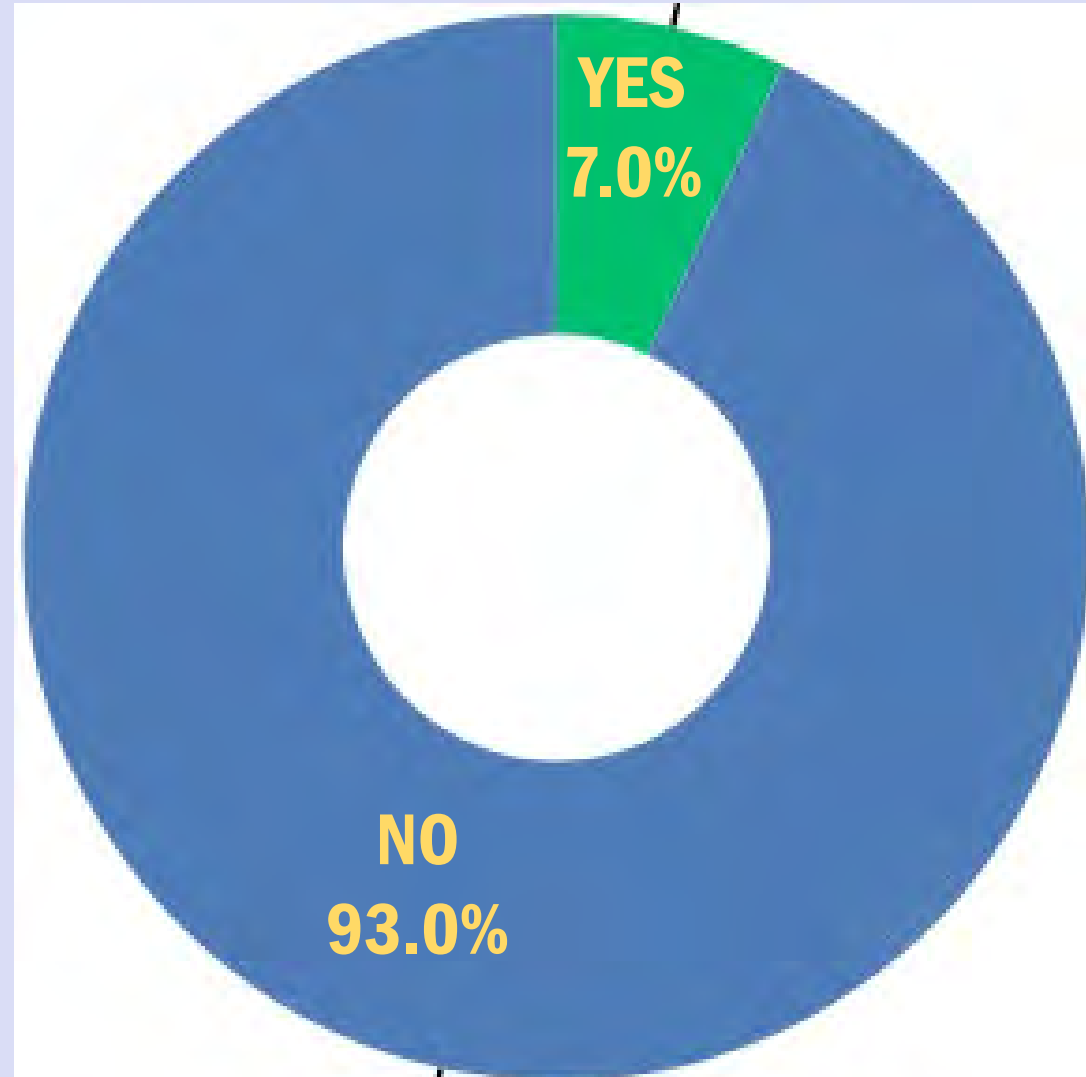


406 Responses

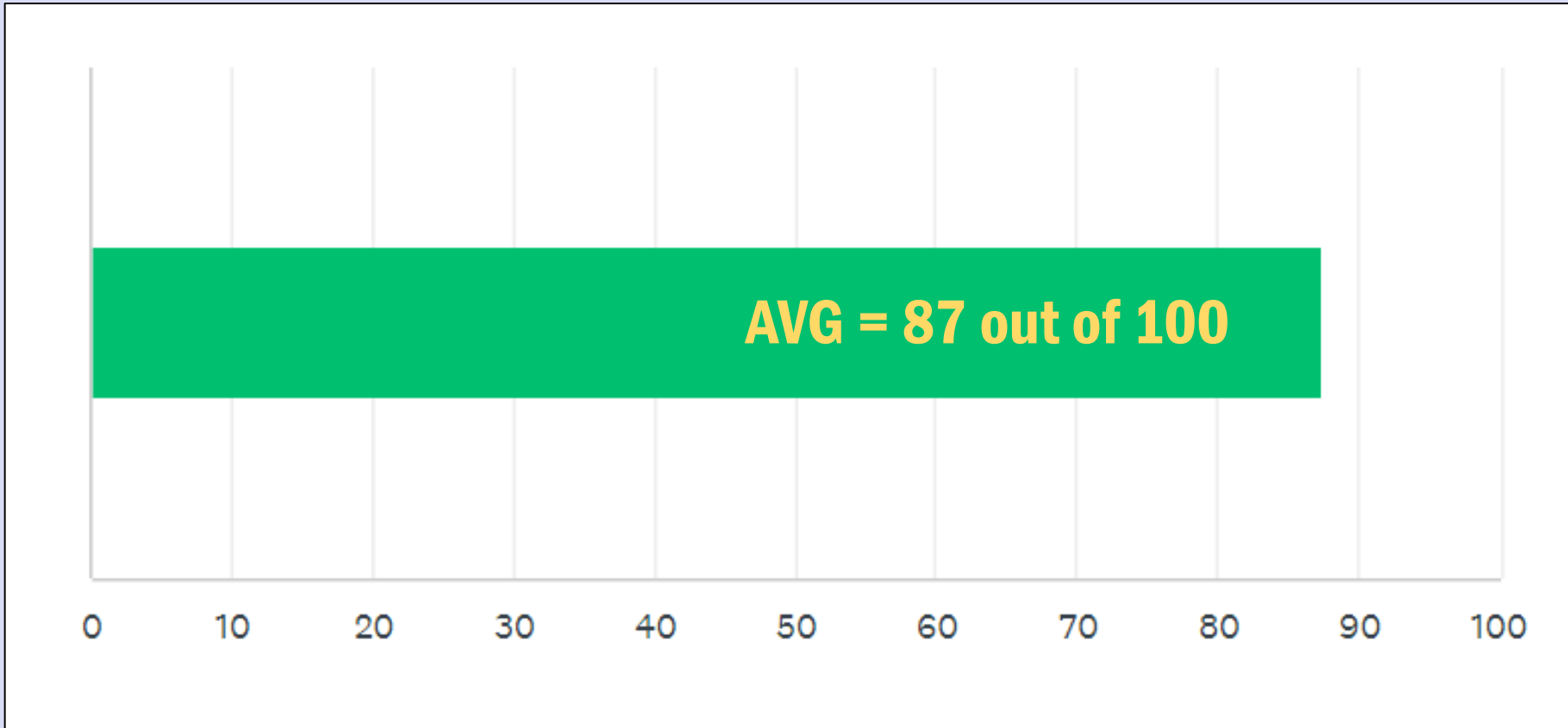
- **42.9% = None**
- Helicopter Noise
- Artillery Noise
- Aircraft pilots and students refusing to obey minimum flight altitudes over communities during operations.
- Low Night Flights

Q12. Do you feel that Fort Novosel presents a safety issue to you and your family? If so, why?

- Terrorist Attack
- Crash / Crash over residential areas
- Not following set safety stand off from occupied dwellings
- Environment / Helicopter Exhaust
- Groundwater contamination from rounds fired into the ground.
- These are pilots in training, and they fly over our homes. I have even observed them shining deer. It is against the law to do that, and it was reported but nothing was done.



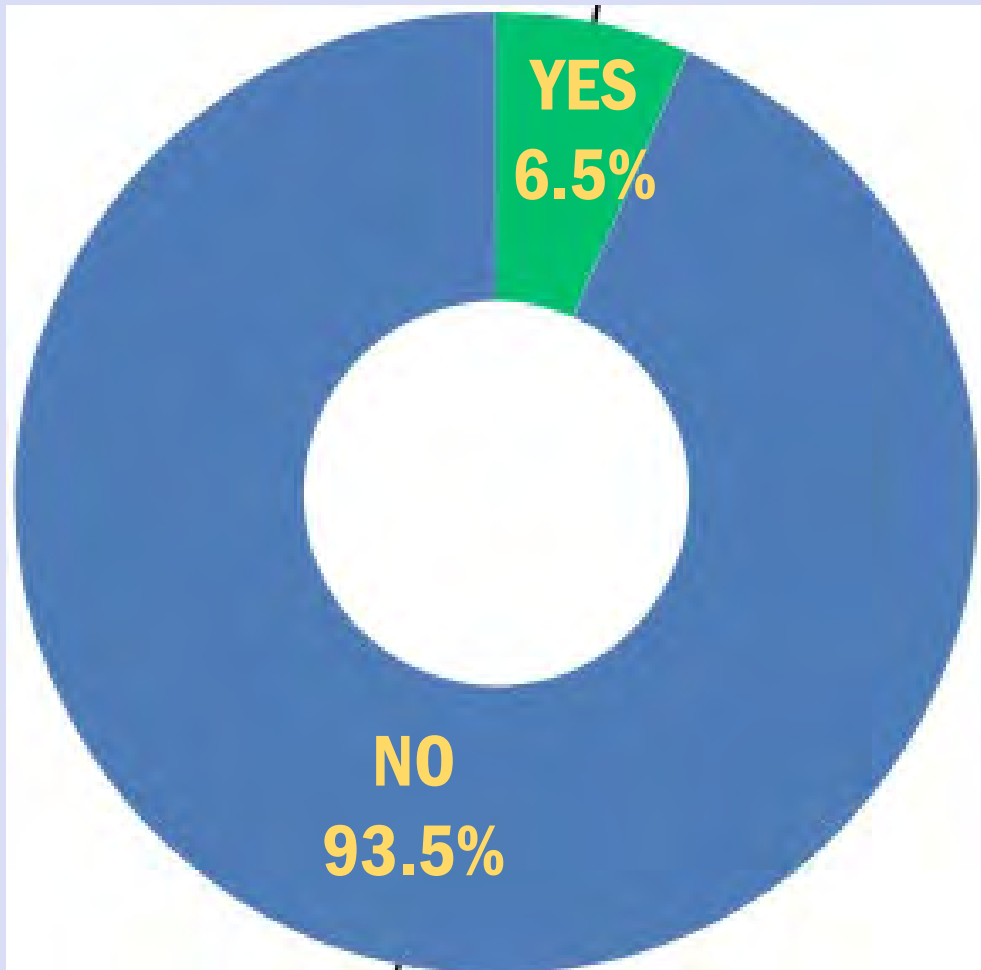
Q13. Would you support continued growth and expansion of Fort Novosel? Use the slider bar below to indicate the level of your support.



430 Responses

- 90+ = 53.0%
- 40-60 = 7.9%
- 0-20 = 5.6%

Q14. Do you know of any incompatible land uses surrounding Fort Novosel or its airfields and stage fields? If yes, please explain.

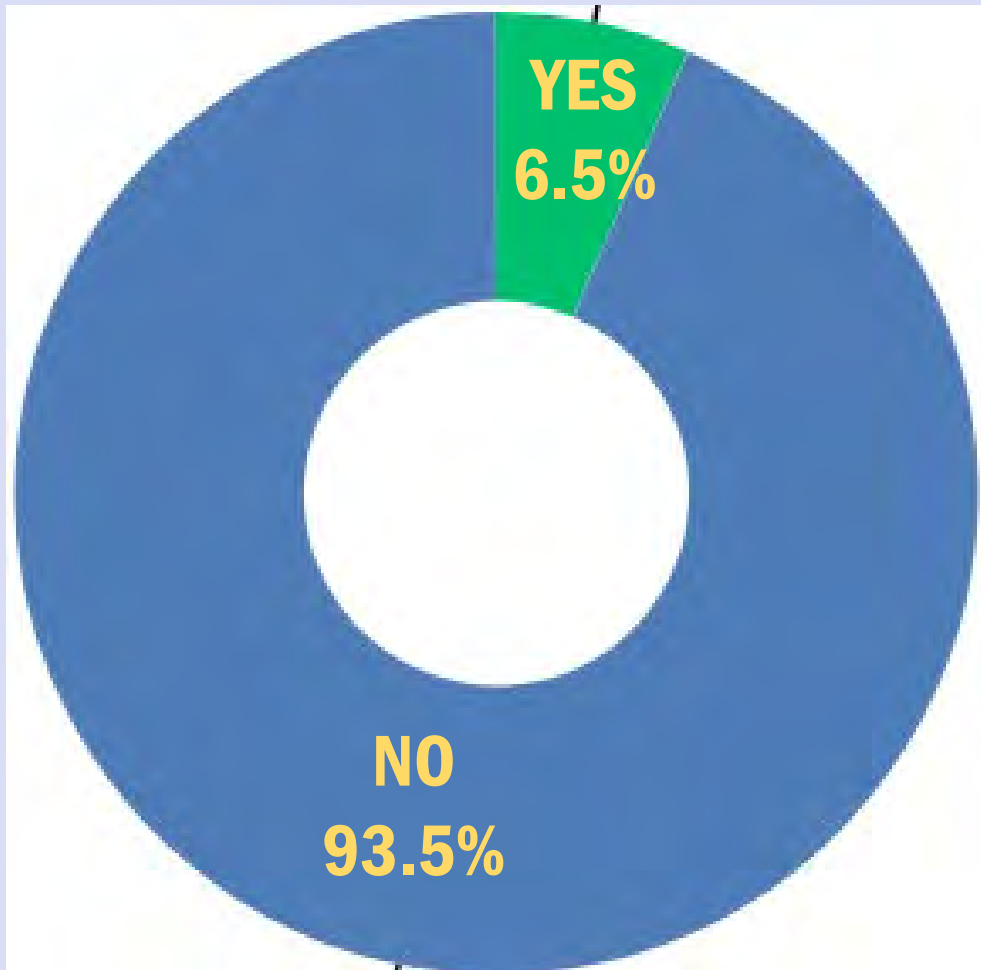


- Airfields or artillery sites too close to neighborhoods or farms
- Fellow landowners lease out their land to Ft Novosel to use as RTs, but also as hunting and numerous other things.
- Incident of unexploded ordinance found on fairways of Silver Wings Golf Course. Where else have impact areas been located and abandoned, or been reutilized for other purposes ?
- Raising livestock; They have stampeded our cattle on several occasions.

Q14. Do you know of any incompatible land uses surrounding Fort Novosel or its airfields and stage fields? If yes, please explain.

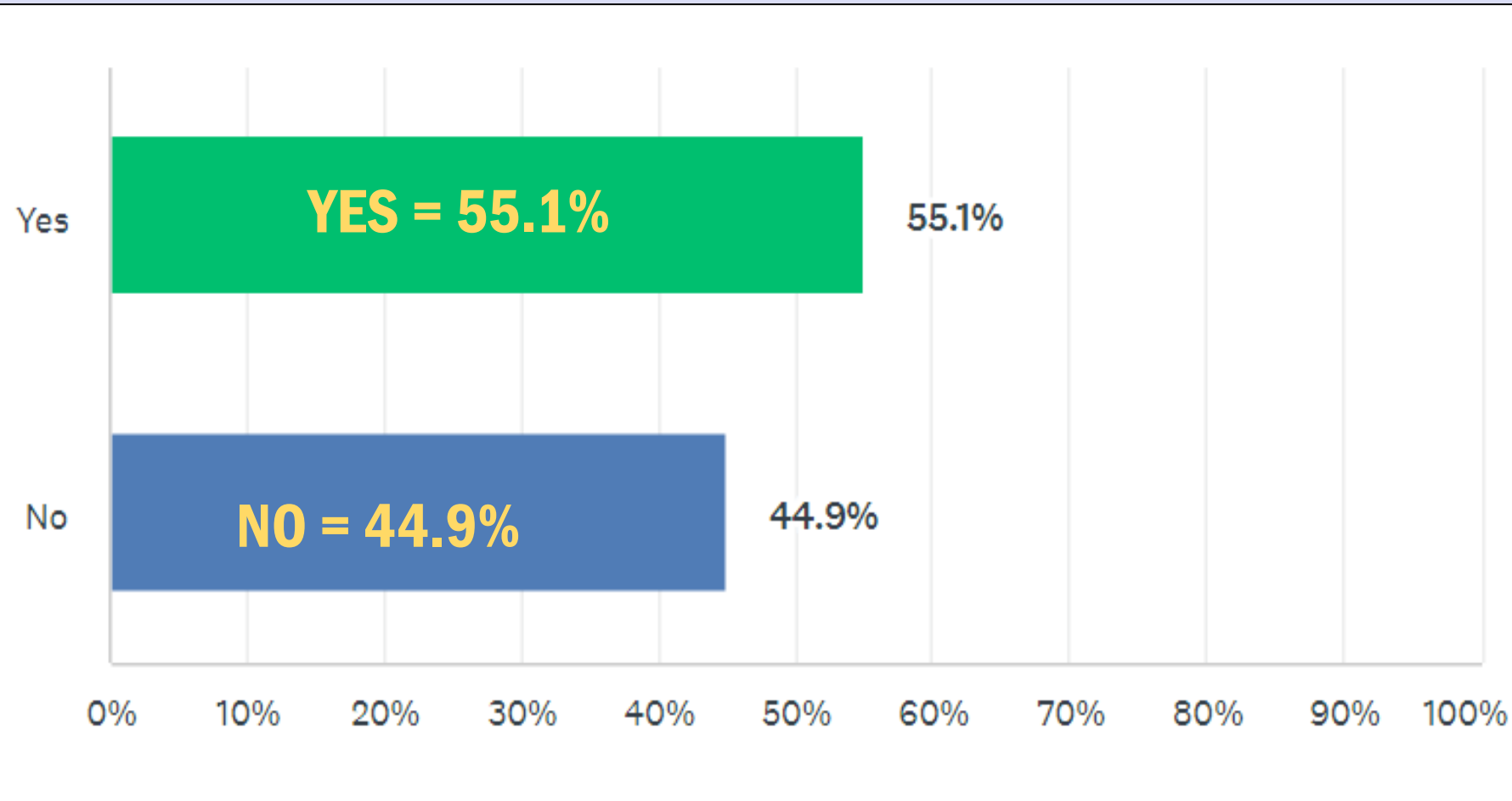
- Residential construction
- Government declared "Eminent Domain" and took private citizens' land away from them to develop Fort Rucker and new stagefield(s) with the last 2-3 decades.
- Alabama is a timber producing State and the helicopters should not be allowed to damage stands of timber by hovering over them.
- Subdivision growth around Faulkner entry
- Molenelli firing range is too close to city limits.
- The impact on the land around Fort Novosel is minimal and any issues that arise seem to be addressed as needed on an ad hoc basis.
- Development around Cairns and Shell.
- Industry requiring significantly tall structures.
- Aircraft sometimes appear to disregard no fly zones in areas around Shell Field.

Q14. Do you know of any incompatible land uses surrounding Fort Novosel or its airfields and stage fields? If yes, please explain.



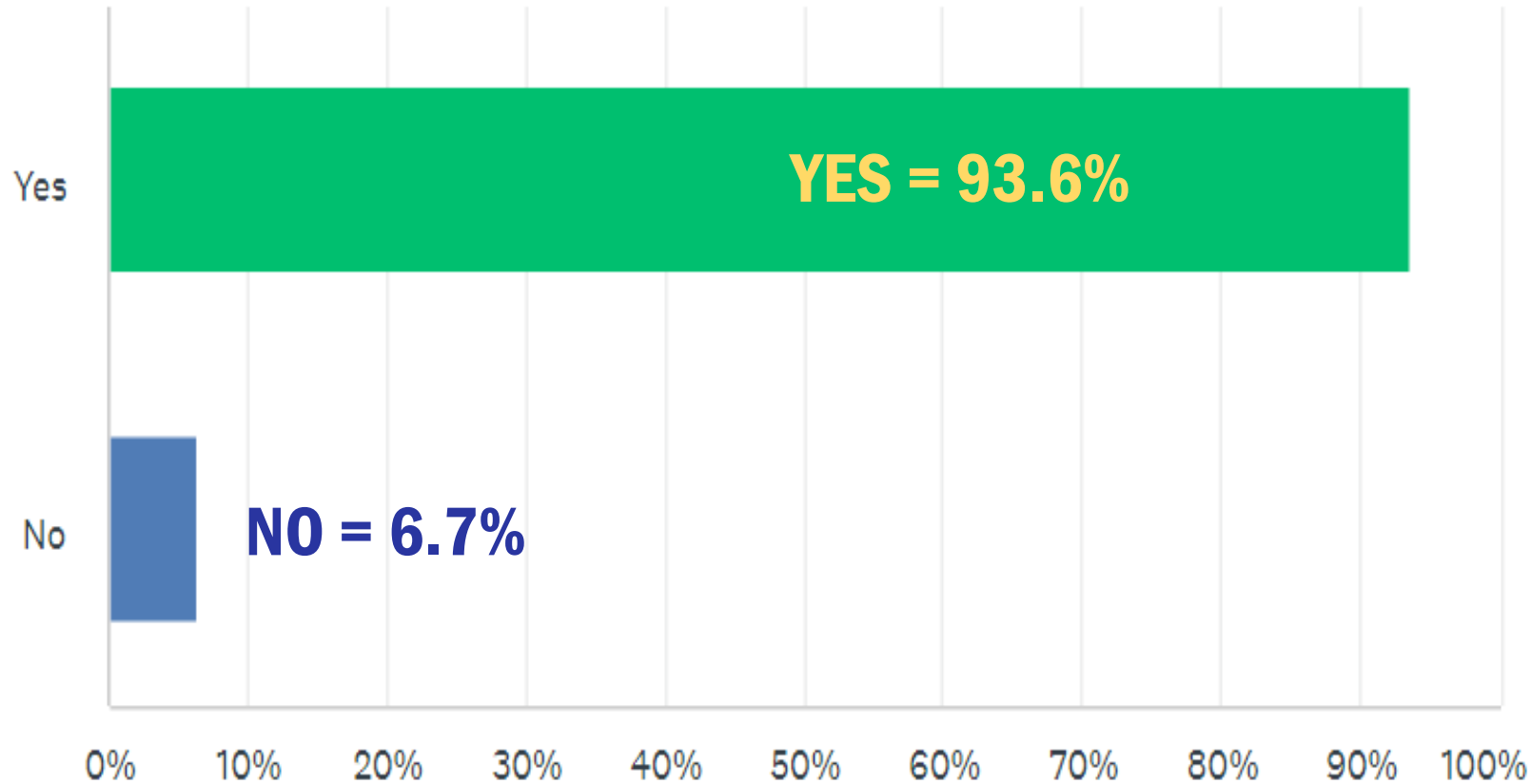
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- Raising livestock; They have stampeded our cattle on several occasions.

Q15. Do you think local governments should regulate how land around Fort Novosel is developed?



I feel that when land is expanded for the use of the military, the local government entities should not regulate, but be considered in this matter. Working together with the local community, great things can happen for everyone involved. I live in Rehobeth and our community supports Fort Novosel. However, I would love to see a Auxiliary Clinic/Pharmacy be considered for our town. This would help with the impact of having so many older members from having to drive that far. I know that our Town of Rehobeth would love to have y'all in our town.

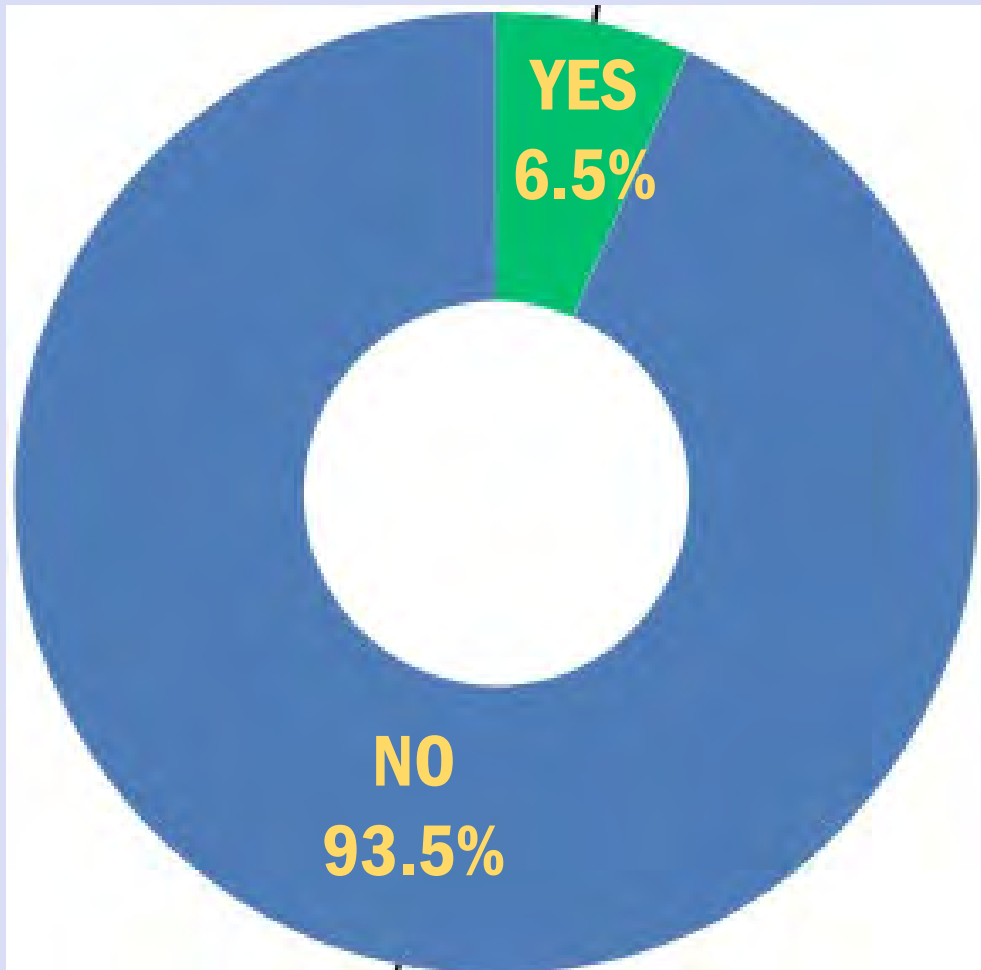
Q16. Do you feel that the local governments in the Wiregrass Region adequately support Fort Novosel?



Q16. Do you feel that the local governments in the Wiregrass Region adequately support Fort Novosel?

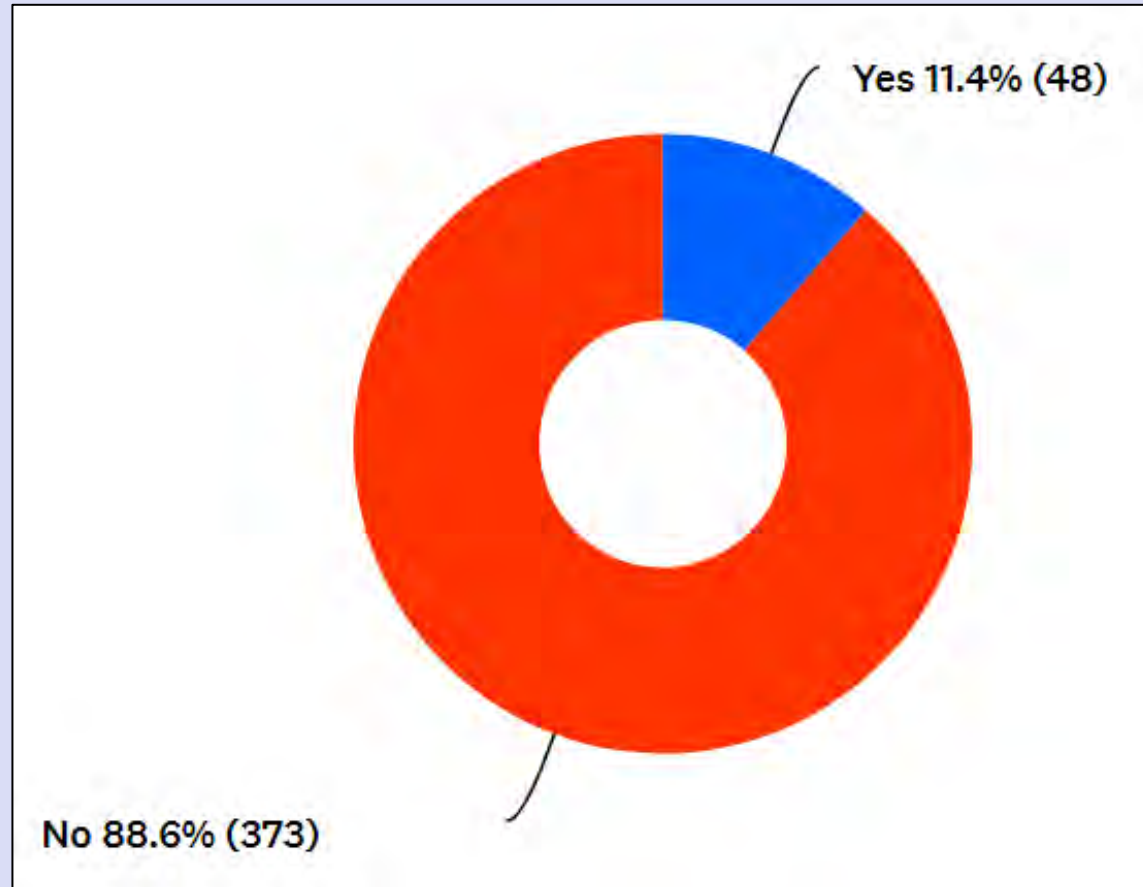
- The local governments have been begged to support military families and children and have consistently denied support. They value their local citizens over military families and allow our children and families to be harmed because they are outsiders. The local politicians support the schools stripping academic achievements from military students to give priority to local students; they support military students not being allowed to tryout or participate in sports to give benefit to the local children; and they don't support zoning and stopping military children from forced rezoning the way other states already do by protecting military children. The local politicians are corrupt and only benefit from local business staying local.
- I have heard numerous stories about discrimination at local schools.
- I feel that local governments adequately support Fort Novosel, but my concern is local governments adequately serving the needs of Wiregrass citizens.
- It seems to me that local government and Army personnel work well together to handle most problems
- I am not aware of any Wiregrass region that does not support and appreciate Ft Novosel.
- Certain communities support Novosel better than others.
- They have made strong coalition efforts to prevent a closure each time there has been a potential threat.
- Because they realize that without the base this area would dry up. Plus, many local government officials are retired military.
- In spirit for sure, but I'm not aware of actual laws that help Fortt Novosel curb encroachment

Q14. Do you know of any incompatible land uses surrounding Fort Novosel or its airfields and stage fields? If yes, please explain.



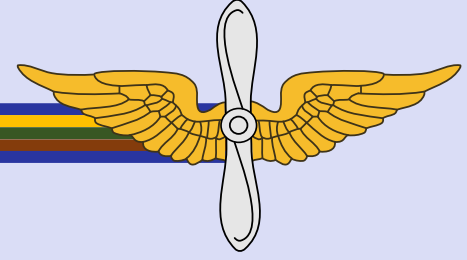
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- Raising livestock; They have stampeded our cattle on several occasions.

Q17 Are you interested in learning more about how you might use your property for conservation purposes? If yes, please provide your name, phone number and/or email address below.



- Resulted in approximate 48 contacts.

Community Survey Results



Questions and Comments?

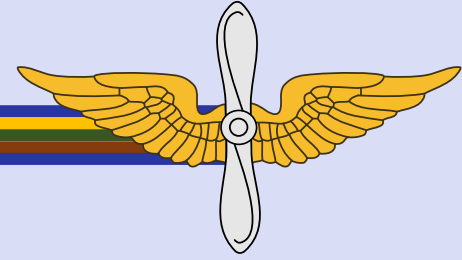
Lunch!



Fort Novosel Compatible Land Use Study Summary



Public Information Meetings



- Advertised in Six Newspapers
- 675 Postcards Mailed
- 160 Emails Sent
- Various News Media and Social Media Postings



PLEASE JOIN US
Fort Novosel Compatible Land Use Study
PUBLIC INFORMATION MEETINGS
Attend the meeting that best fits your location and schedule.

GENEVA COUNTY	DALE COUNTY	COFFEE COUNTY
Monday, July 17, 2023 3:00 PM to 5:00 PM Geneva County Courthouse 1st Floor Comm Courtroom 200 North Commerce St Geneva, AL 36340	Tuesday, July 18, 2023 2:00 PM to 4:00 PM Dale County Gov't Bldg 202 South Highway 123 Ozark, AL 36360	Wednesday, July 19, 2023 10:00 AM to 12:00 PM Community Room Sen. Jimmy Holley Admin Bldg 1065 E McKinnon Street New Brockton, AL 36351

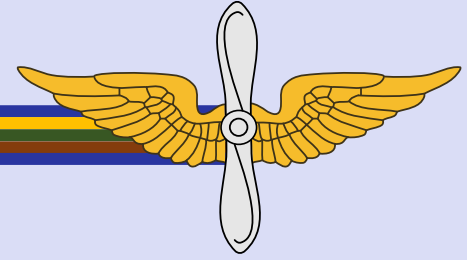
The Southeast Alabama Regional Planning and Development Commission (SEARP&DC) is working with Fort Novosel and local communities to develop a compatible land use study. The purpose of this study is to improve the intergovernmental coordination and notification process by and between local governments and Fort Novosel about future development and land uses near the installation and flying areas. In the end, this plan aims to educate surrounding communities about the installation's missions and promote a coordinated approach to making land use decisions.

SEARP&DC will present a draft summary of the Fort Novosel Compatible Land Use Study at the three public information meetings for public review and comment. All interested citizens are encouraged to attend.

If you need special accommodations to attend or participate in the meeting, please contact Ms. Emily VanScyoc at SEARP&DC at 334-794-4093, ext. 1414.

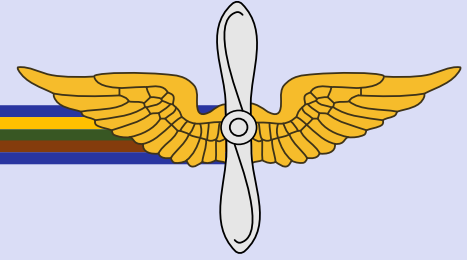


Purpose of the CLUS



- A Compatible Land Use Study (CLUS) is a cooperative land use planning effort between a military installation and surrounding jurisdictions designed to promote community growth and development that is compatible with an installation's training and operational mission(s).
- Fort Rucker Joint Land Use Study (JLUS) process between October 2007 and October 2009.
- Discussion reignited in 2020 to update JLUS with new Compatible Land Use Study (CLUS) process.
 - Over a decade since JLUS completed.
 - New aircraft and continued growth/development

Fort Novosel CLUS Committee



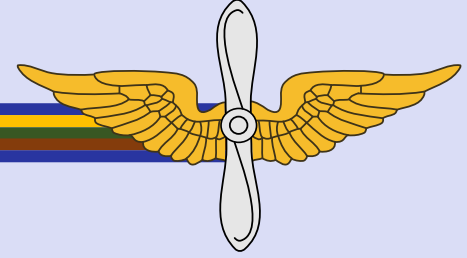
- Agricultural Community
- ALDOT – Aeronautics
- Chambers of Commerce
- Developers / Real Estate
- Economic Development Authorities
- Fort Novosel
- Friends of Fort Novosel
- Local Airports
- Utilities

Local Governments:

- County Engineers
- Planning Directors
- Enforcement Officers
- Town Mayors



Impact Area



Six Counties:

- Barbour County
- Coffee County
- Covington County
- Dale County
- Geneva County
- Houston County

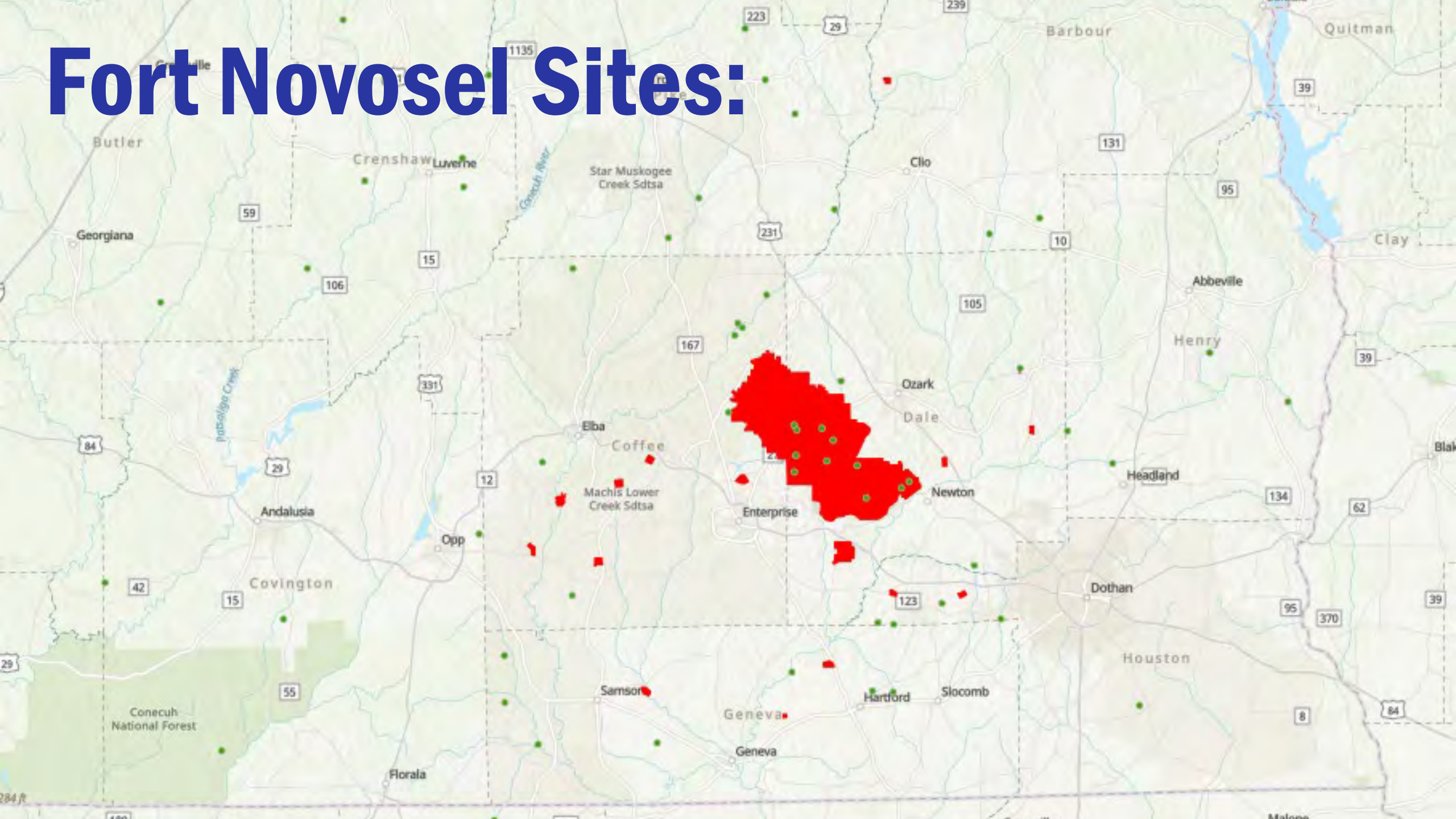
Four Cities:

- Daleville
- Dothan
- Enterprise
- Ozark

Five Towns:

- Clayhatchee
- Level Plains
- Midland City
- Newton
- Pinckard

Fort Novosel Sites:



Economic Impact

DAYTIME POPULATION ON FT. NOVOSEL: ~22,000

EMPLOYMENT: ~14,560 (Total)

- MILITARY ~5,900
- DAC, CTR, NAF, AAFES, DECA ~8,660
- *Fifth Largest Employer in Alabama*
- *Largest Employer South of Montgomery*

POPULATIONS:

- Military Family Members ~6,715
- International Partner Students IN FY22 (33 Countries) – 803

~ \$2 Billion/Year Economic Impact in the Wiregrass Area

**POST
POPULATION
~22,000**

**PROVIDE
SUPPORT TO
AN ADDITIONAL
113,000**



USAG Fort Novosel also supports:

- 7th SFG at Eglin AFB, FL
- 177th AR BDE at Camp Shelby, MS
(Additional 2,695 Soldiers)



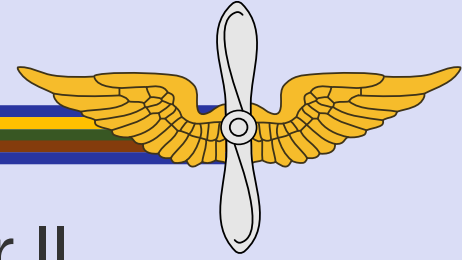
RW Area of Operations



- 1 Army Airfield
- 4 Army Heliports
- 15 Stagefields
- 64 Remote Training (RT) Sites
- 1 FARP/Aerial Gunnery Range
- Army Radar Approach Control

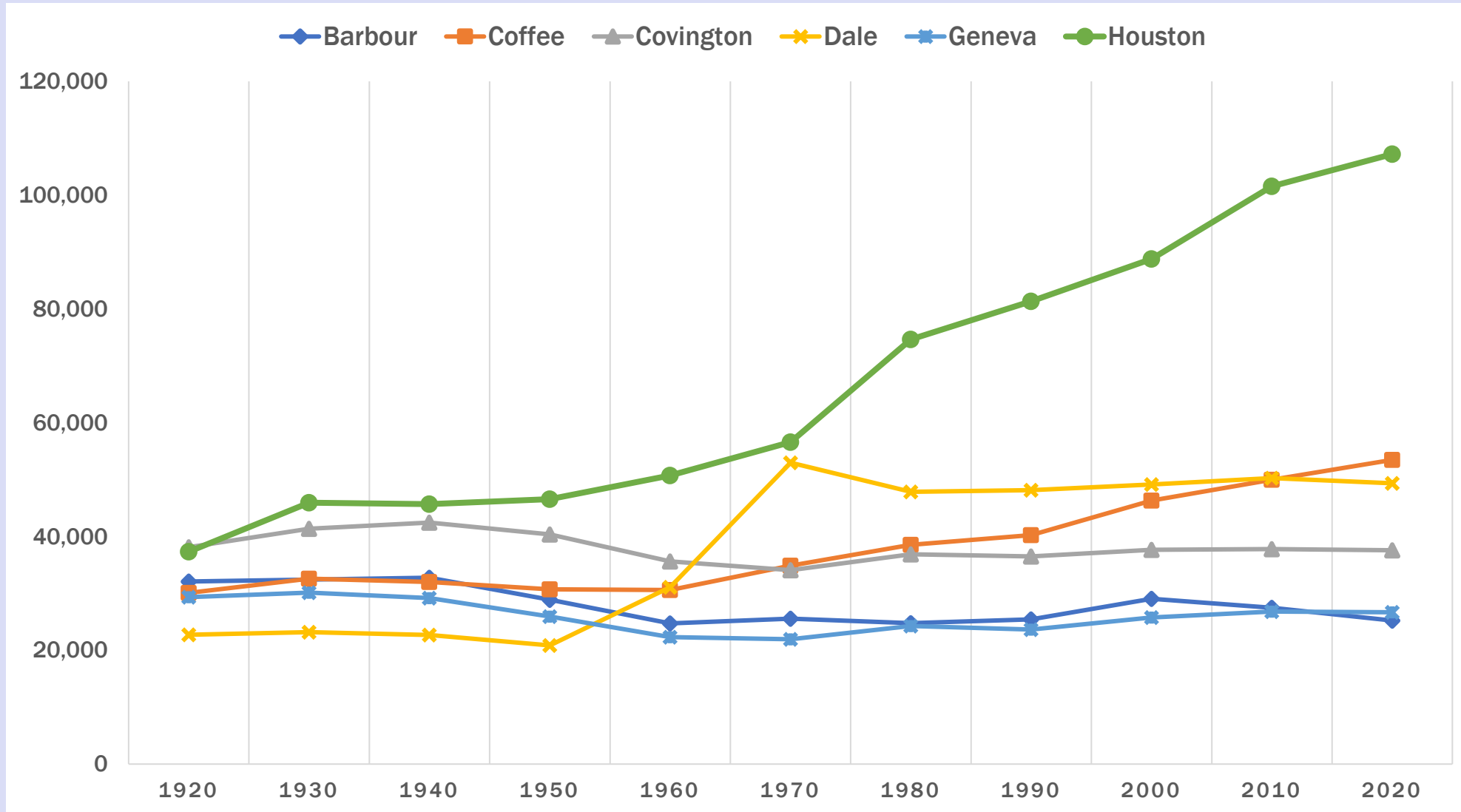
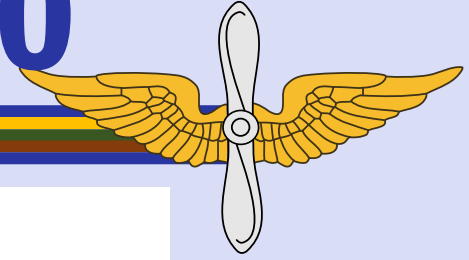


Life Without Fort Novosel

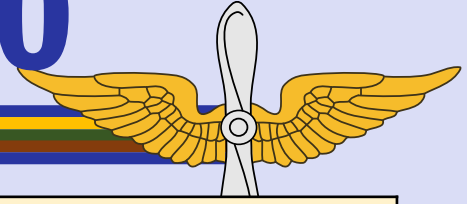


- Established in 1942 to support US Army efforts in World War II
Housing for 3,200 officers and 39,000 enlisted
- September 1942, 1,200 additional acres were acquired for an airfield -
- became known as the Cairns Army Airfield in 1959.
- Rucker was deactivated after World War II (1945)
- Reopened for the Korean War, added helicopter training base (1950)
- Hanchey Army Heliport became home of the Department of Rotary
Wing Training of the Army Aviation School – the first time it was ever
consolidated to one place.
- Camp Rucker became Fort Rucker in 1955, and Fort Novosel in 2023

Population Change, 1920 to 2020

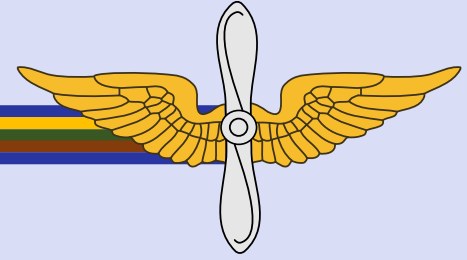


Population Change, 1920 to 2020



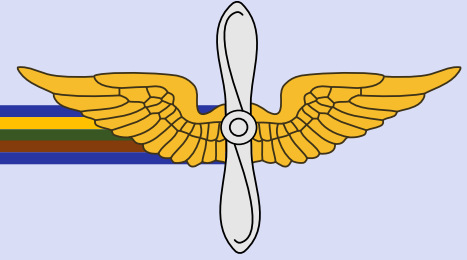
	1950 Population	1920- 1950	2020 Population	1950- 2020
Barbour	28,860	-10.0%	25,223	-12.6%
Coffee	30,717	2.2%	53,465	74.1%
Covington	40,333	5.9%	37,570	-6.9%
Dale	20,830	-8.3%	49,326	136.8%
Geneva	25,928	-11.6%	26,659	2.8%
Houston	46,554	24.7%	107,202	130.3%

Veteran Population



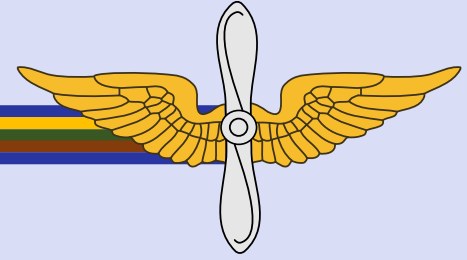
	United States	Alabama	Barbour County	Coffee County	Covington County	Dale County	Geneva County	Houston County
Population 18 and Over	254,296,179	3,859,695	19,995	38,871	29,128	35,373	20,642	81,473
Veteran	17,431,290	324,845	1,445	5,888	2,727	5,450	2,275	7,848
	6.9%	8.4%	7.2%	15.1%	9.4%	15.4%	11.0%	9.6%
Non Veteran	236,864,889	3,534,850	18,550	32,983	26,401	29,923	18,367	73,625
	93.1%	91.6%	92.8%	84.9%	90.6%	84.6%	89.0%	90.4%

Labor Force Composition



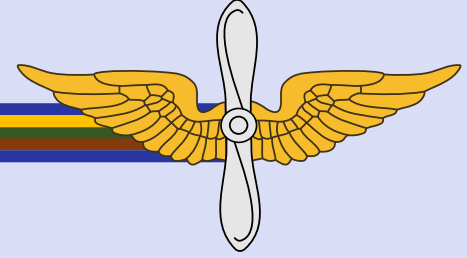
Population 16 and Over	United States	Alabama	Barbour County	Coffee County	Covington County	Dale County	Geneva County	Houston County
In Labor Force	167,869,126	2,313,616	9,369	24,250	16,284	21,724	10,920	47,870
Civilian Labor Force	166,672,597	2,298,013	9,369	22,750	16,256	19,065	10,861	47,611
	99.3%	99.3%	100.0%	93.8%	99.8%	87.8%	99.5%	99.5%
Armed Forces	1,196,529	15,603	0	1,500	28	2,659	59	259
	0.7%	0.7%	0.0%	6.2%	0.2%	12.2%	0.5%	0.5%

Population without Military



	Total Population	Armed Forces	Veterans	Remaining Population	% Change
Barbour County	25,259	0	1,445	23,814	-5.7%
Coffee County	53,043	1,500	5,888	45,655	-13.9%
Covington County	37,490	28	2,727	34,735	-7.3%
Dale County	49,443	2,659	5,450	41,334	-16.4%
Geneva County	26,604	59	2,275	24,270	-8.8%
Houston County	106,355	259	7,848	98,248	-7.6%

Stage Field Sites – Noise Zones



- **Zone of Influence**

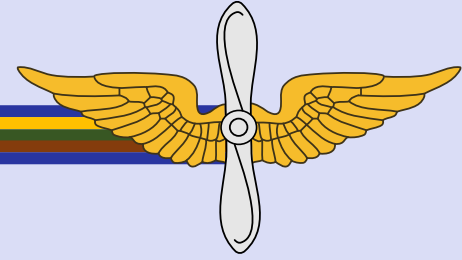
Area within a specific radius that is most likely to be impacted by noise, wind, vibration and potential for accidents

- **Noise Zone III**

- **Noise Zone II**

- **Noise Zone 1 / Land Use Planning Zone (LUPZ)**

Stage Field Sites



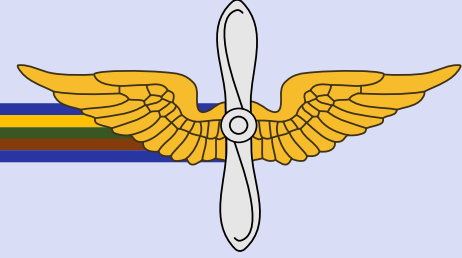
- **Noise Zone III**

Area around a noise source in which the A-weighted DNL (ADNL) is greater than 75 decibels (dBA), the C-weighted DNL (CDNL) is greater than 70 decibels (dBC), and the PK 15 (met) is greater than 104. **Guidance shows that there should be no noise-sensitive land uses within the NZ III, such as housing, schools, and worship facilities. Some compatible uses in NZ III include most industry and manufacturing (up to 85 dBA), transportation, and agricultural.**

- **Noise Zone II**

Area around a noise source in which the ADNL is between 65 and 75 dBA, the CDNL is between 62 and 70 dBC, and the PK 15 (met) is between 87 and 104. Noise exposure in NZ II is considered significant and land use should be limited to compatible uses, such as industry and manufacturing, transportation, and agricultural. **Guidance does allow other uses in NZ II with incorporation of noise level reduction techniques, including some low-density housing, retail and services, and recreation and entertainment.**

Stage Field Sites

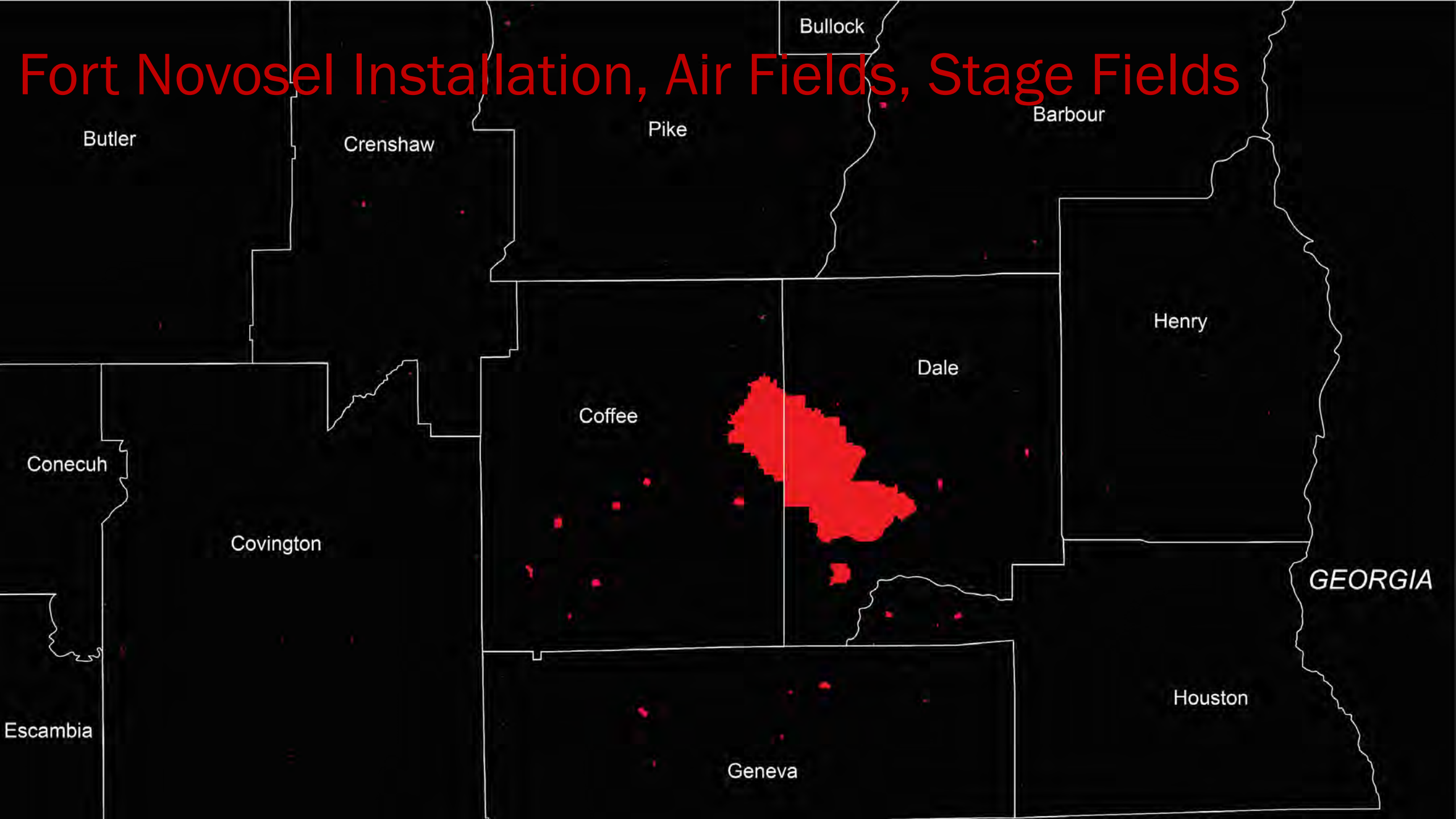


- **Noise Zone I**

NZ I is the area around a noise source in which the ADNL is less than 65 dBA, the CDNL is less than 62 dBC, and PK 15 (met) is less than 87. **Noise exposure in NZ I is not considered significant and is usually acceptable for all types of land use activities.**

- **Land Use Planning Zone (LUPZ)**

The noise contours that identify areas inside 65 ADNL and 62 CDNL represent an annual average separating the limiting NZ II and the fully compatible NZ I. Since the noise environment at Fort Rucker varies daily and seasonally due to fluctuating operations, a LUPZ is used to account for days of higher than average operations and possible annoyances. **The LUPZ encompasses areas that can be affected during periods of heightened activity providing a more comprehensive assessment of noise effects in civilian areas.** The LUPZ contours are set at 57 CDNL.



Fort Novosel Installation, Air Fields, Stage Fields

Bullock

Barbour

Butler

Crenshaw

Pike

Henry

Dale

Coffee

Covington

Conecuh

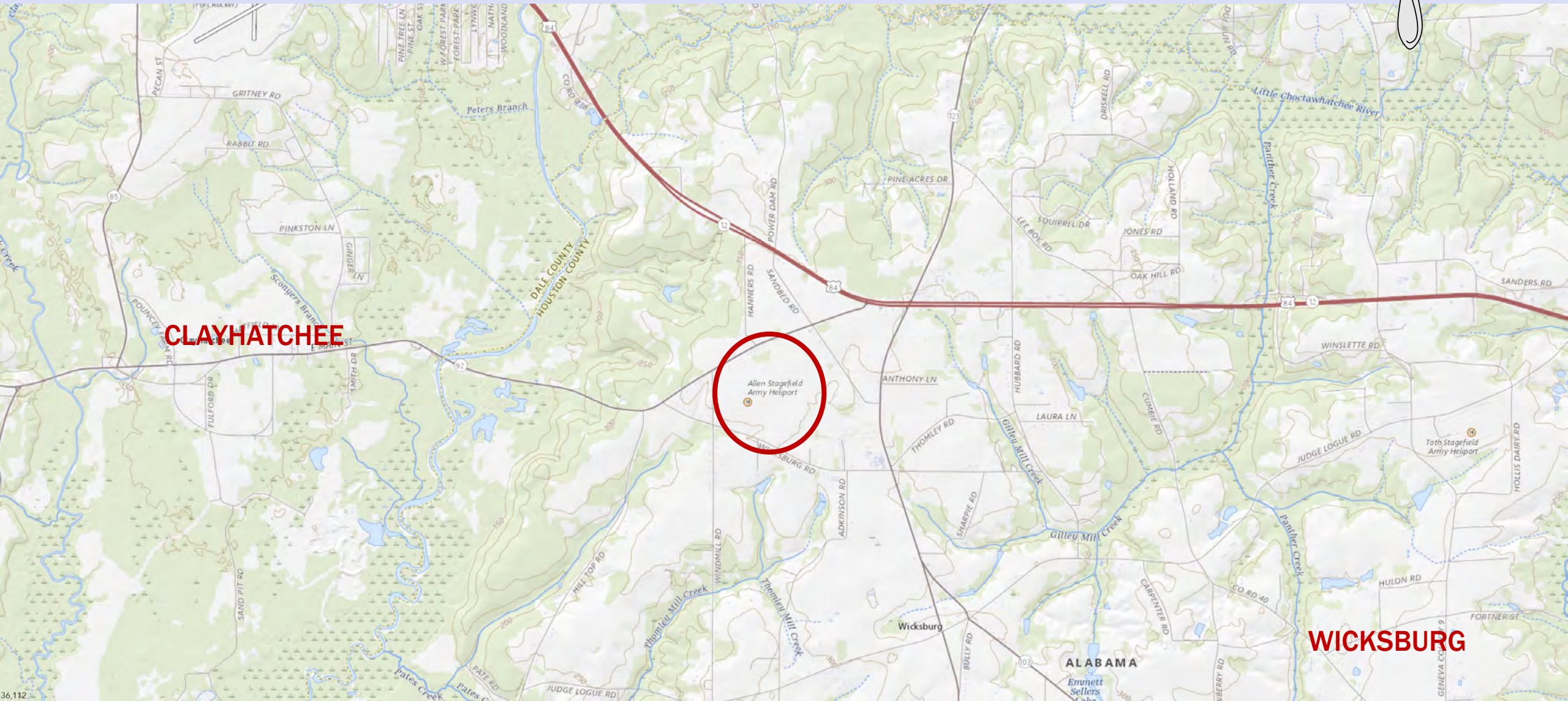
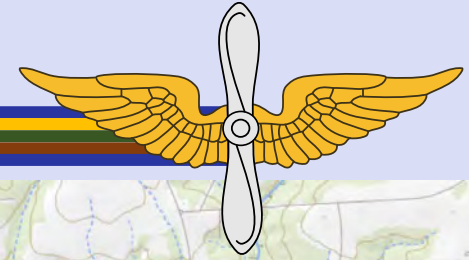
GEORGIA

Houston

Escambia

Geneva

Allen Stagefield



ALLEN STAGEFIELD

Allen Stagefield

Zone III

2.92

Wicksburg High School

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

ALLEN STAGEFIELD

Allen Stagefield

Zone III

Wicksburg High School

2.92

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

ALLEN STAGEFIELD

Allen Stagefield

Zone III

Wicksburg High School

2.92

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

ALLEN STAGEFIELD

Allen Stagefield

Zone III

Wicksburg High School

2.92

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

ALLEN STAGEFIELD

Allen Stagefield

Zone III

Wicksburg High School

2.92

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

ALLEN STAGEFIELD

Allen Stagefield

Zone III

Wicksburg High School

2.92

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

ALLEN STAGEFIELD

Allen Stagefield

Zone III

Wicksburg High School

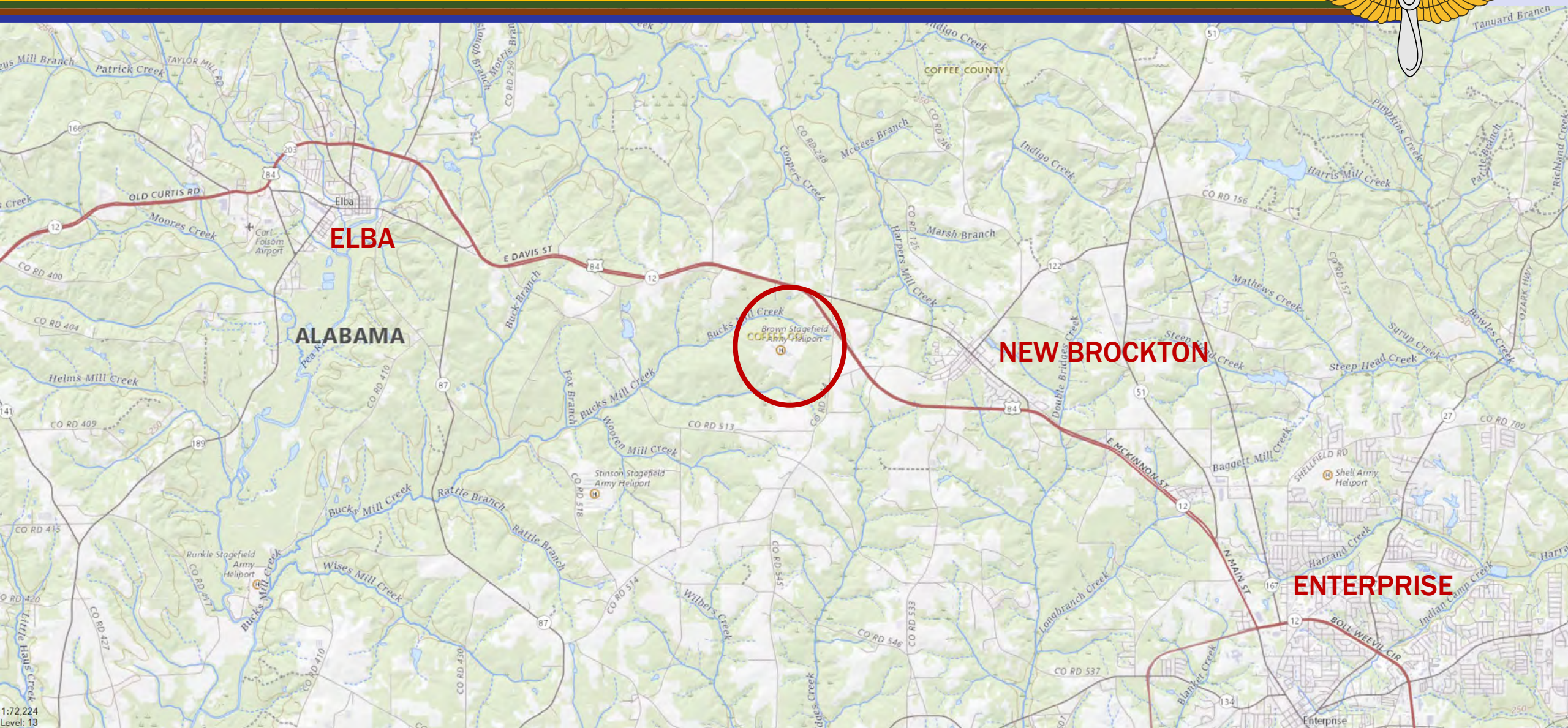
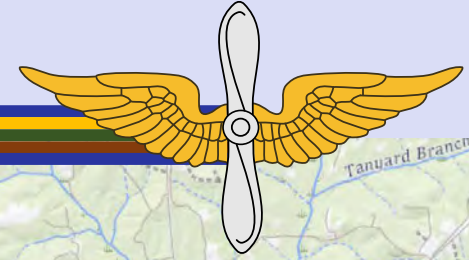
2.92

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

-
- ALLEN STAGEFIELD**
- Allen Stagefield**
- Zone III**
- Wicksburg High School**
- 2.92
- Surrounding Land Uses**
- Residential
 - Commercial
 - Industrial
 - Institutional
 - Recreational

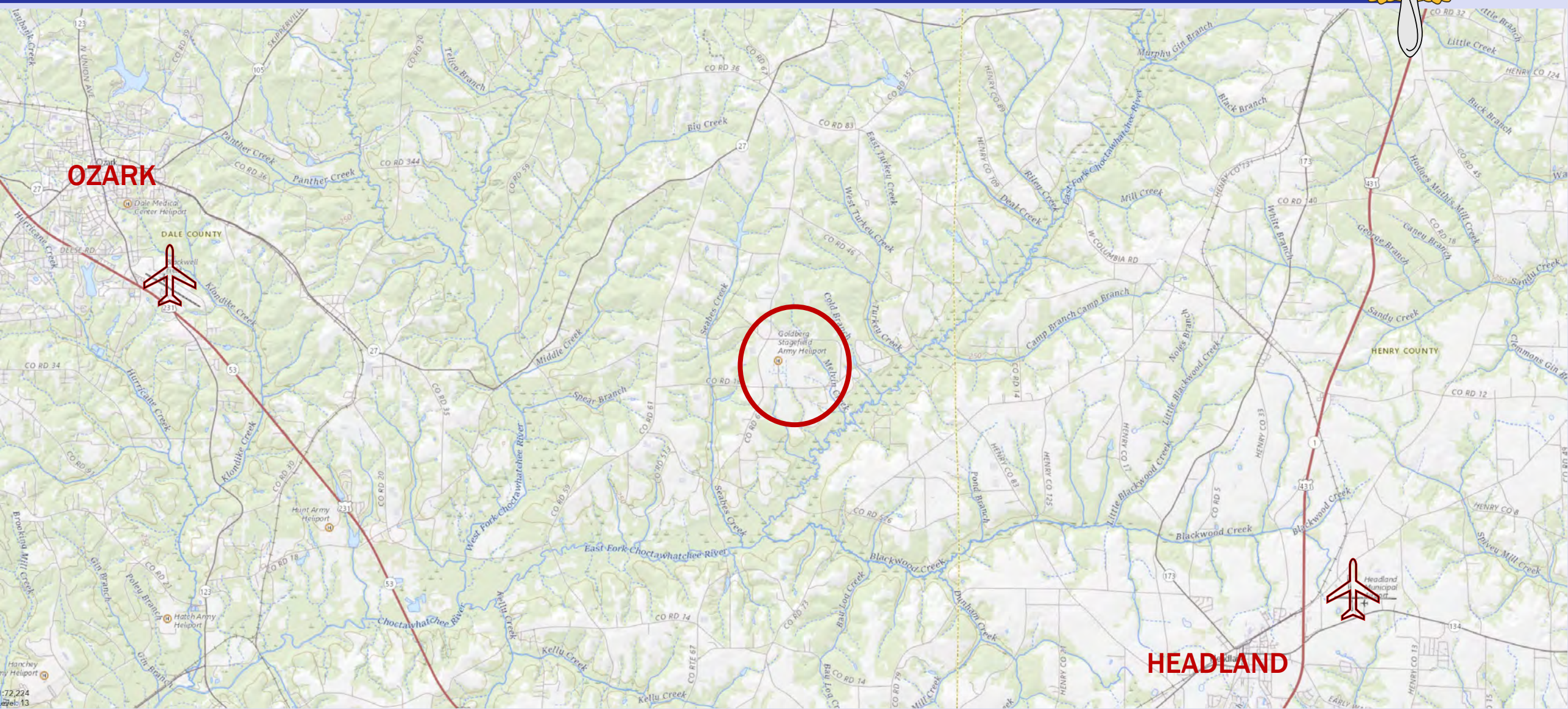
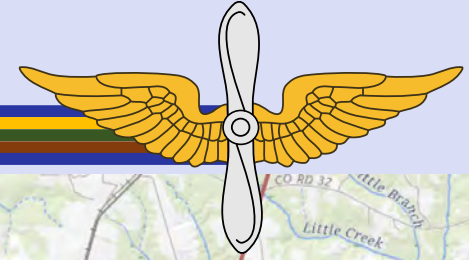
Brown Stagefield



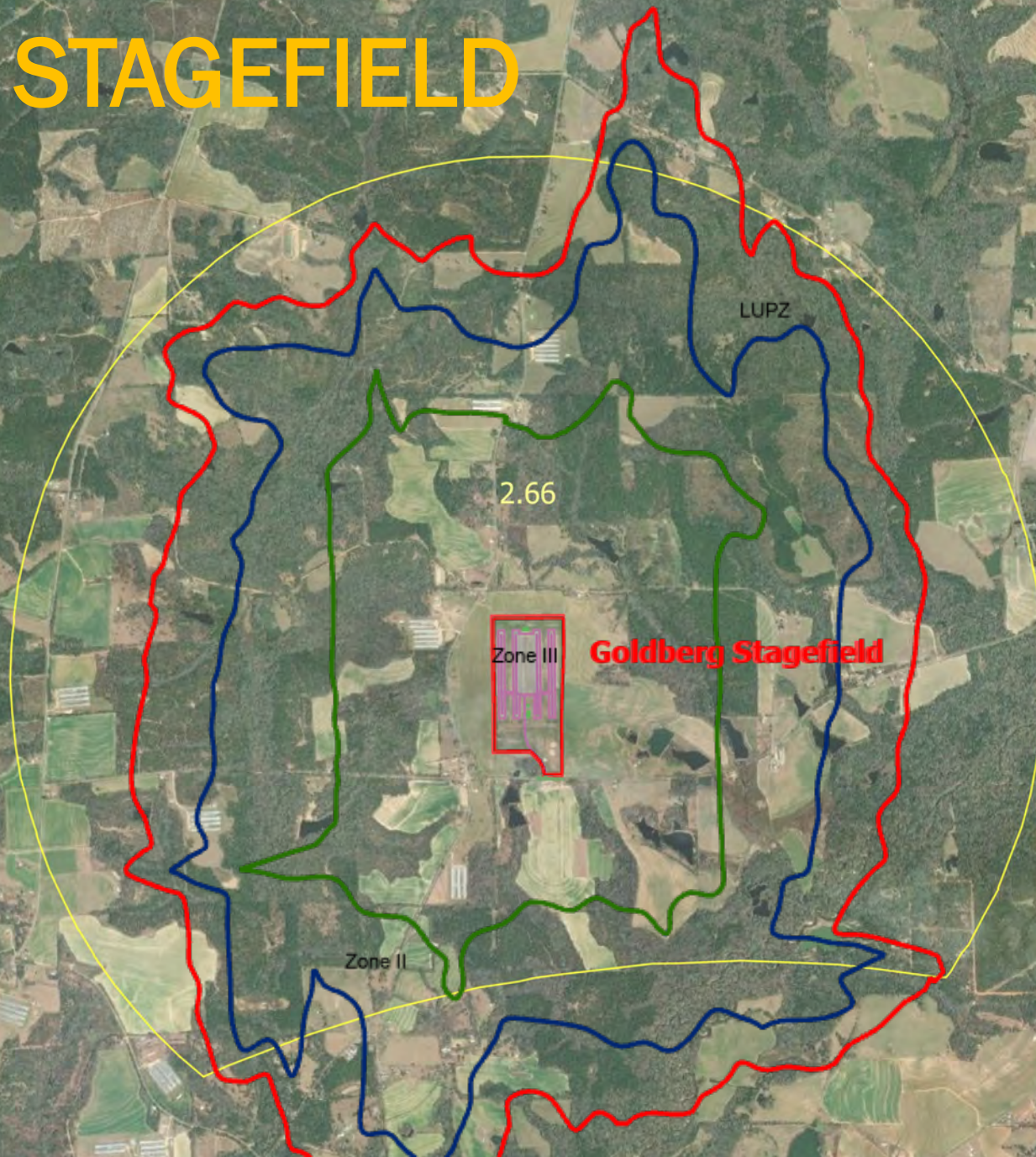
BROWN STAGEFIELD



Goldberg Stagefield



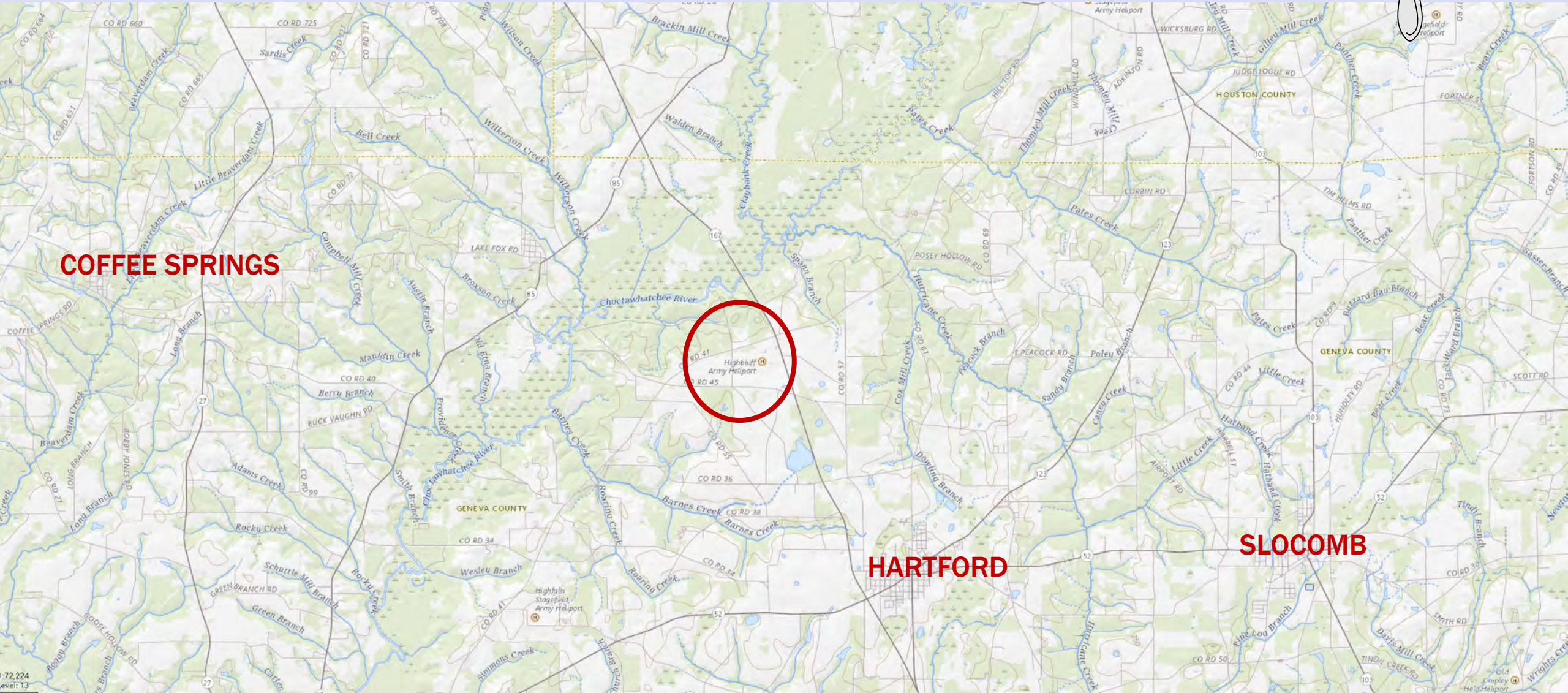
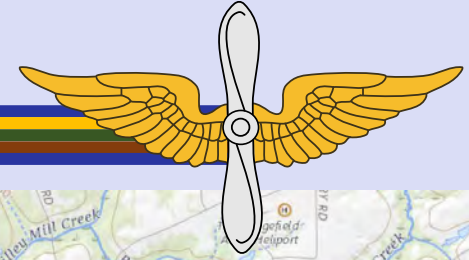
GOLDBERG STAGEFIELD



Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

Highbluff Stagefield



COFFEE SPRINGS

HARTFORD

SLOCOMB

HIGHBLUFF STAGEFIELD

LUPZ






Zone II

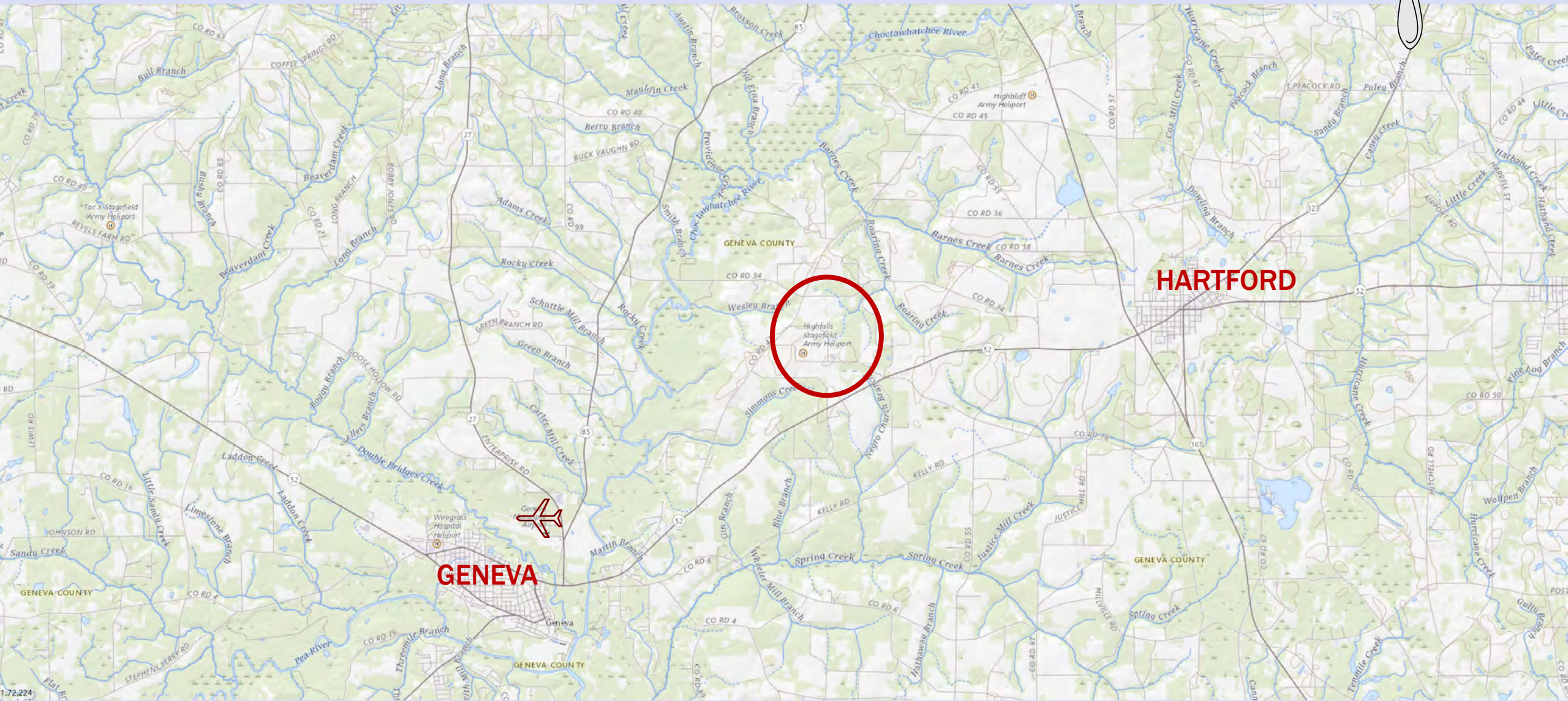
3.47

Zone III

Highbluff Stagefield
Highbluff Stagefield

Surrounding Land Uses

-  Residential
-  Commercial
-  Industrial
-  Institutional
-  Recreational








HIGHFALLS STAGEFIELD

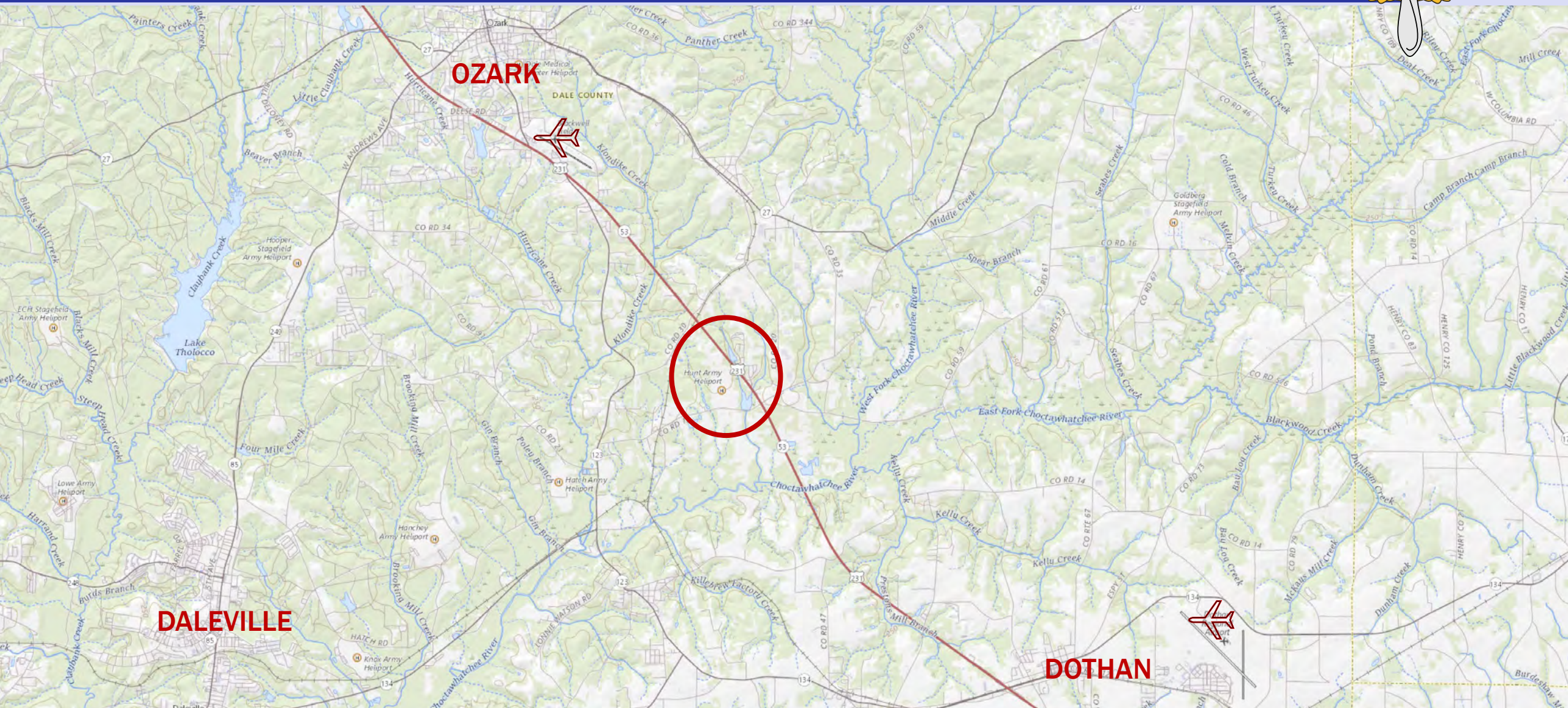
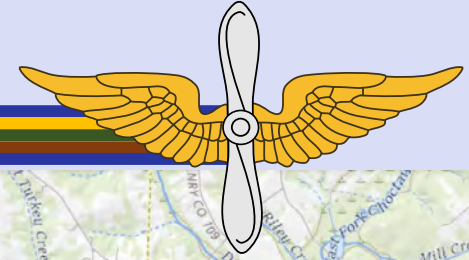
3.47

Highfalls Stagefield

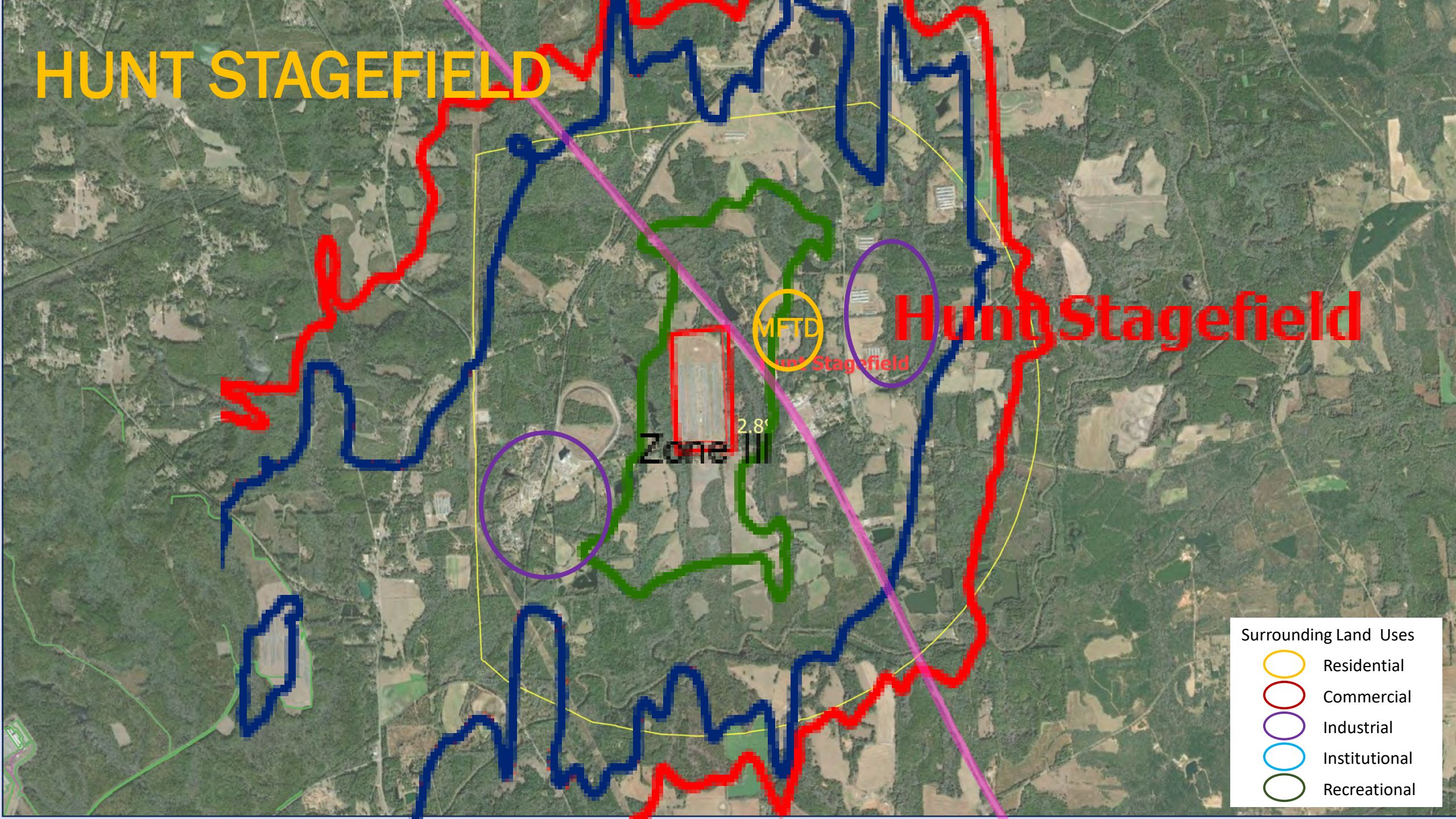
Surrounding Land Uses

-  Residential
-  Commercial
-  Industrial
-  Institutional
-  Recreational

Hunt Stagefield



HUNT STAGEFIELD



Hunt Stagefield

MFTD

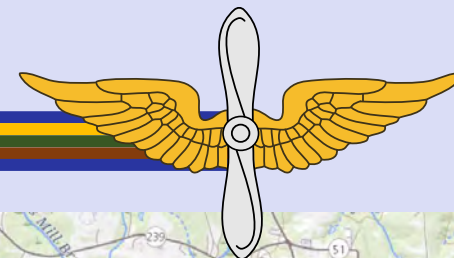
Zone III

2.8'

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

224








LOUISVILLE STAGEFIELD

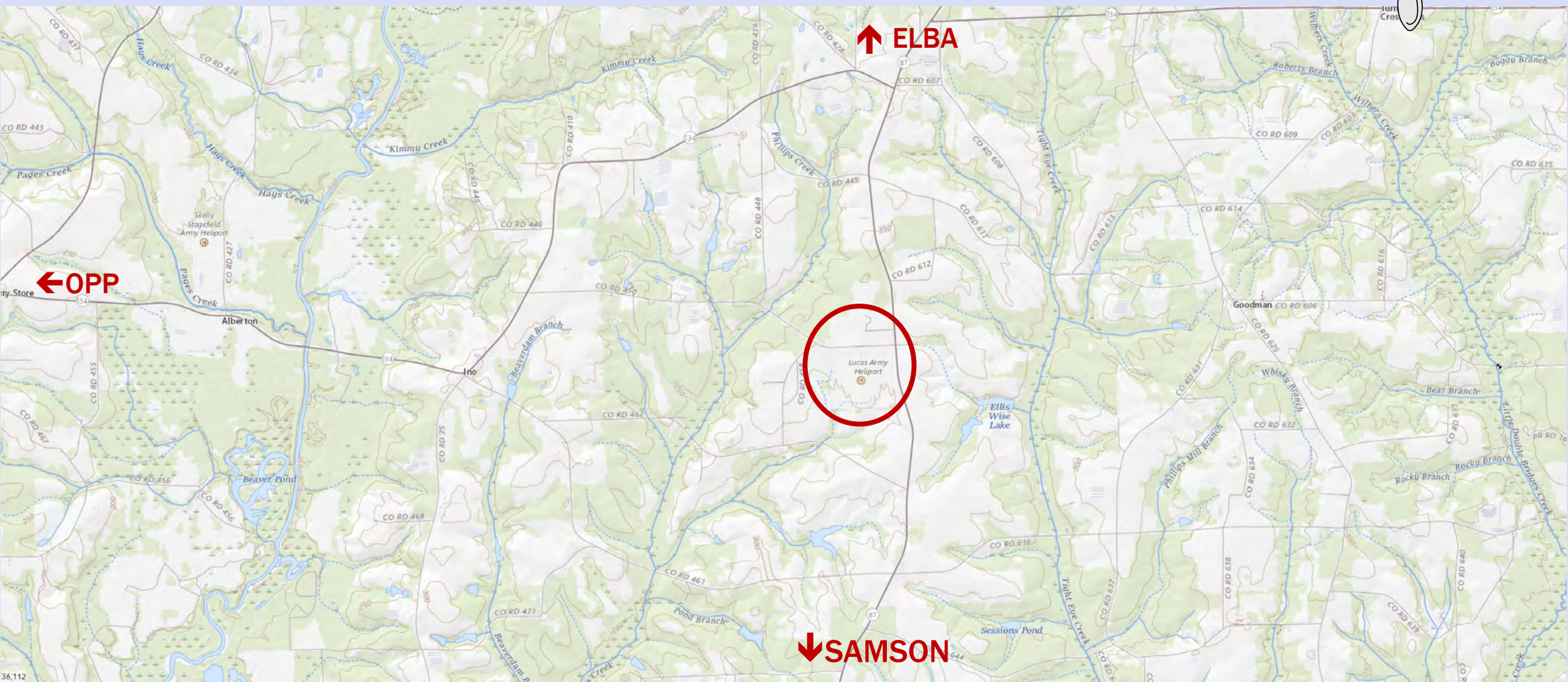
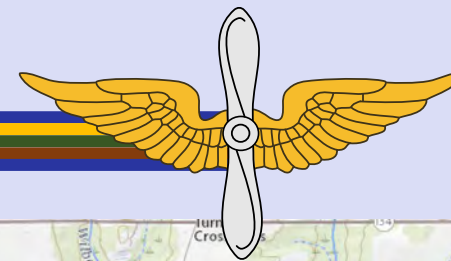
3.47

Louisville Stagefield

Surrounding Land Uses

-  Residential
-  Commercial
-  Industrial
-  Institutional
-  Recreational

Lucas Stagefield



LUCAS STAGEFIELD

Stagefield

Zone III

Zone II

Lucas Stagefield

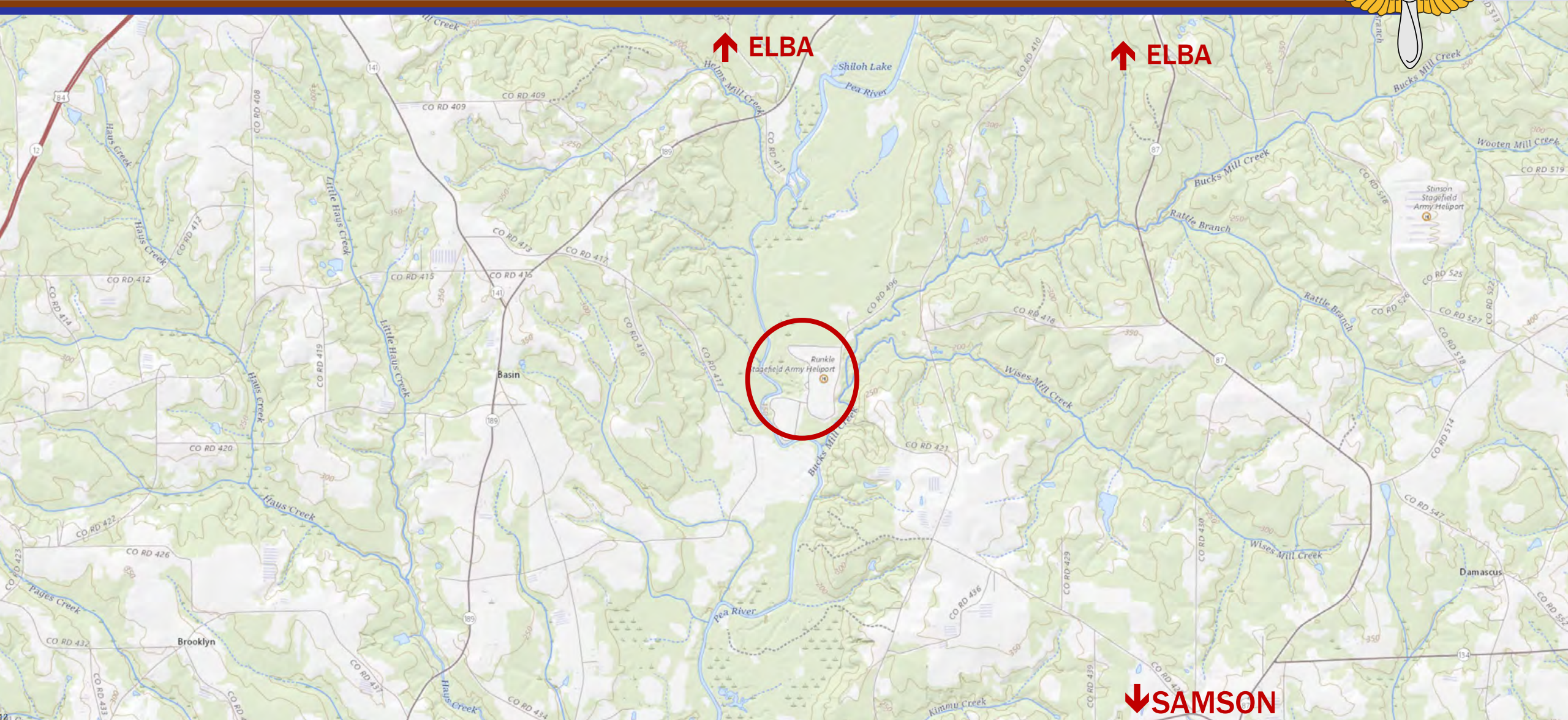
Lucas Stagefield

3.47

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

Runkle Stagefield



RUNKLE STAGEFIELD

Zone III

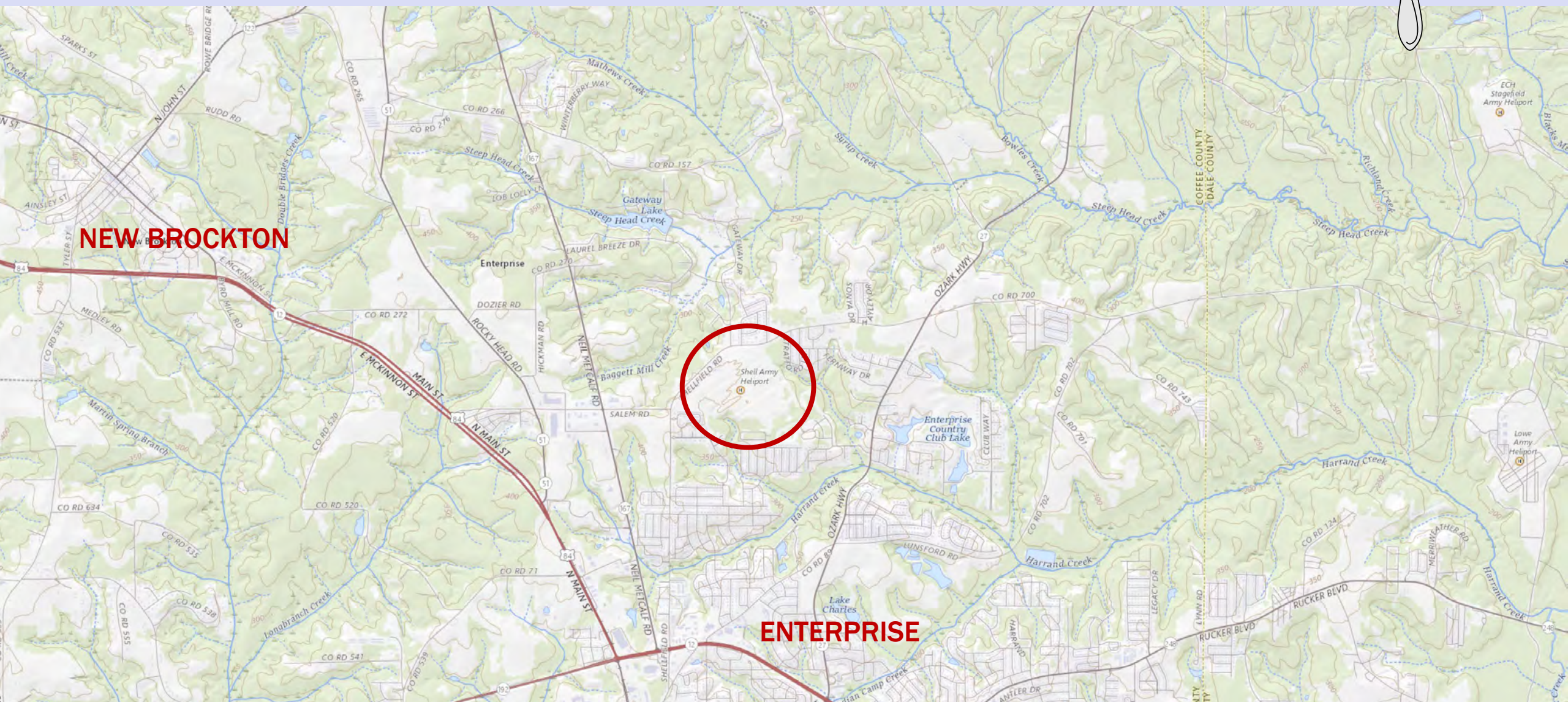
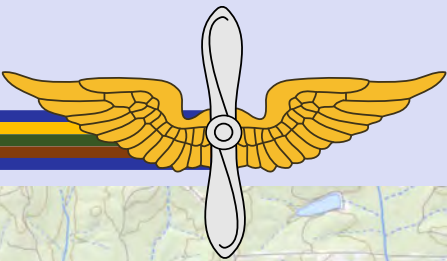
Runkle Stage

3.48

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

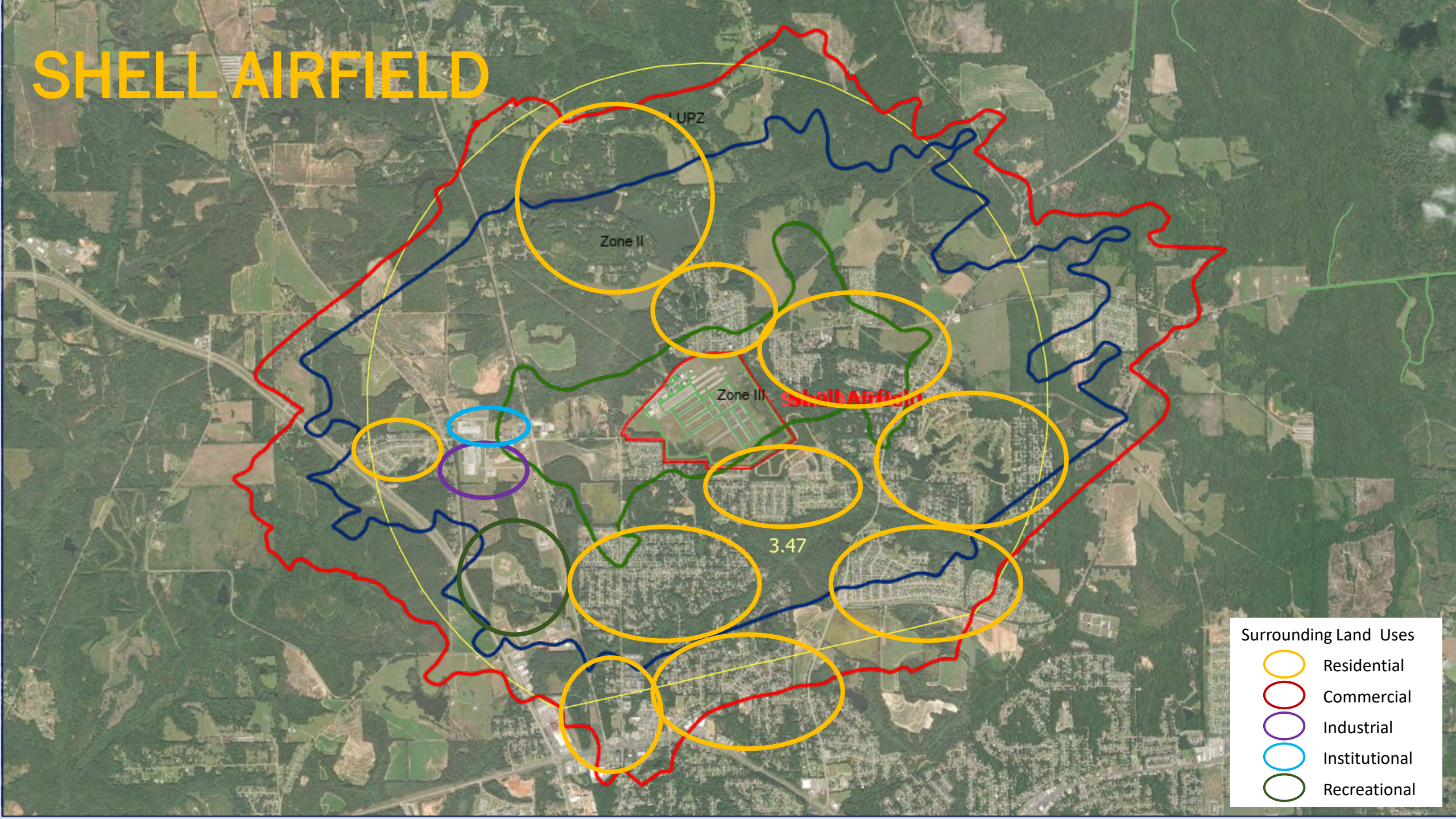
Shell Airfield



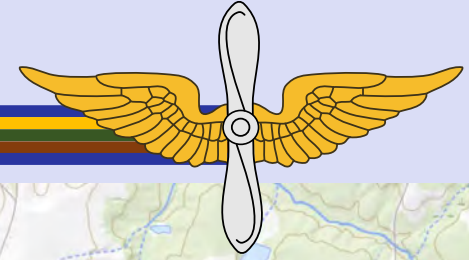
NEW BROCKTON

ENTERPRISE

SHELL AIRFIELD



36,112

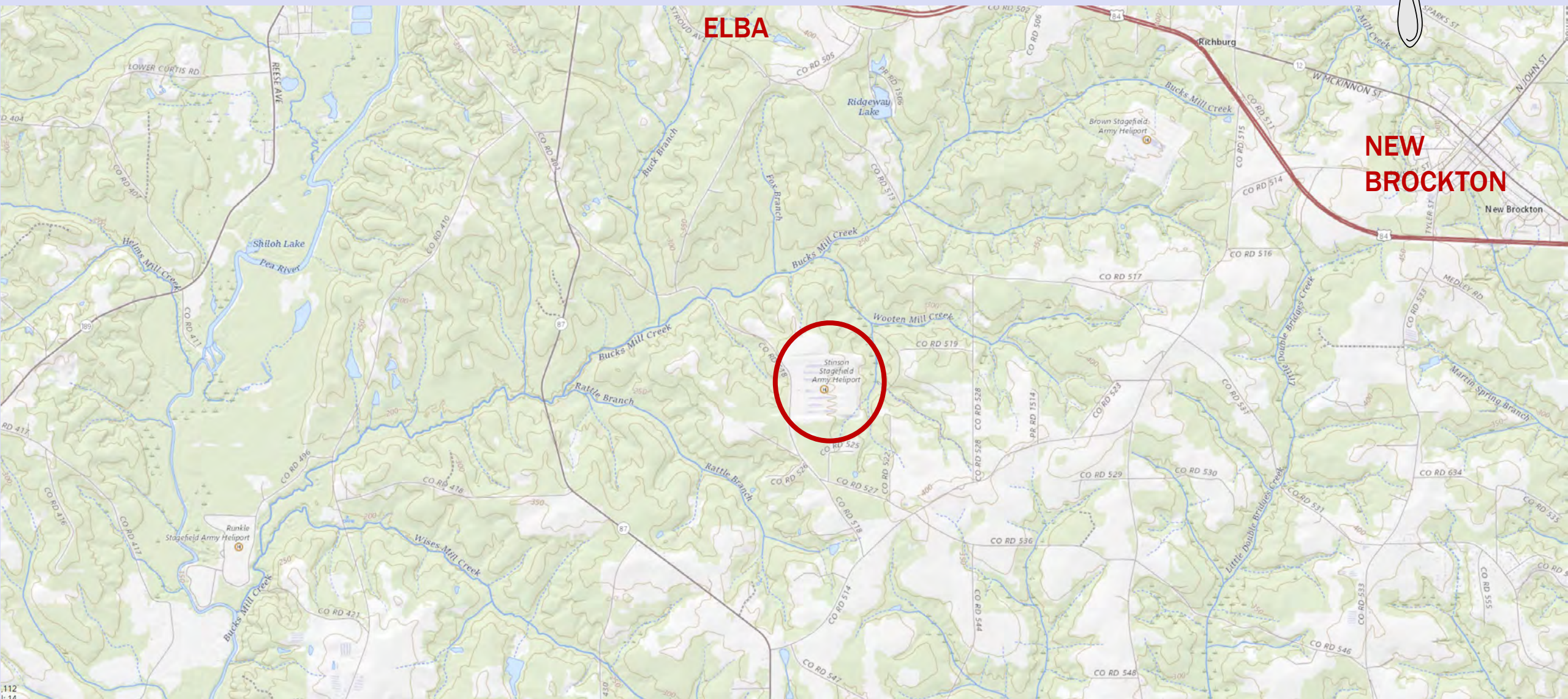


SKELLY STAGEFIELD



Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational



**STINSON
STAGEFIELD**

Zone III

Brown Stage

Zone II

3.47






Stinson Stagefield

Stinson Stagefield

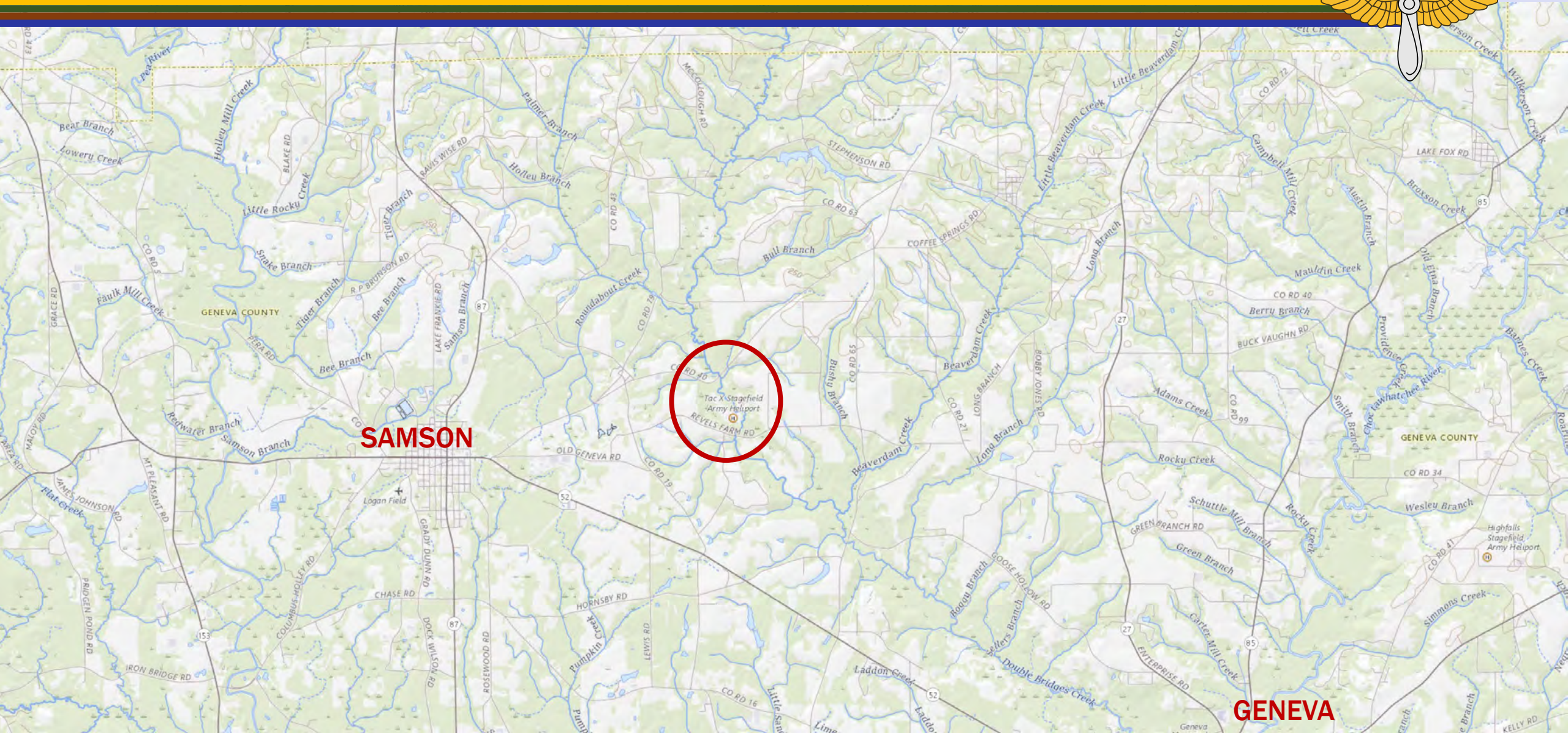
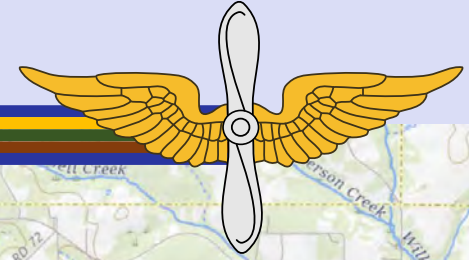
Zone III

Stagefield

Surrounding Land Uses

-  Residential
-  Commercial
-  Industrial
-  Institutional
-  Recreational

TAC-X Stagefield








TAC-X STAGEFIELD

3.47

Tac-X Stagefield

Surrounding Land Uses

-  Residential
-  Commercial
-  Industrial
-  Institutional
-  Recreational



TOTH STAGEFIELD

Zone II

3.47

Zone III

Toth Stagefield

LUPZ

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

TOTH STAGEFIELD

Zone II

3.47

Zone III

Toth Stagefield

Toth Stagefield

LUPZ

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

TOTH STAGEFIELD

Zone II

3.47

Zone III

Toth Stagefield

LUPZ

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

TOTH STAGEFIELD

Zone II

3.47

Zone III

Toth Stagefield

LUPZ

Surrounding Land Uses

- Residential
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- Industrial
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TOTH STAGEFIELD

Zone II

3.47

Zone III

Toth Stagefield

LUPZ

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

TOTH STAGEFIELD

Zone II

3.47

Zone III

Toth Stagefield

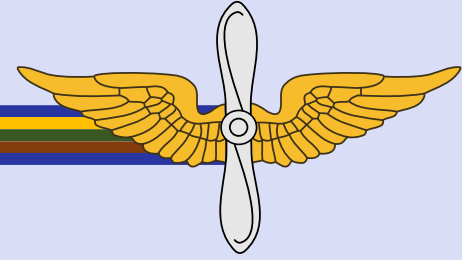
LUPZ

Surrounding Land Uses

- Residential
- Commercial
- Industrial
- Institutional
- Recreational

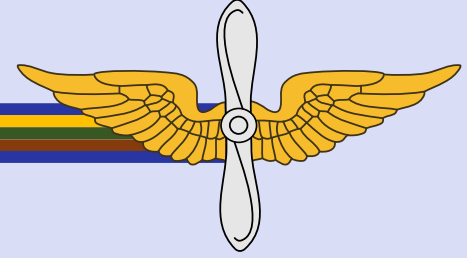
-
- TOTH STAGEFIELD**
- Zone II
- 3.47
- Zone III
- Toth Stagefield
Toth Stagefield
- LUPZ
- Surrounding Land Uses
- Residential
 - Commercial
 - Industrial
 - Institutional
 - Recreational

Compatibility Factors



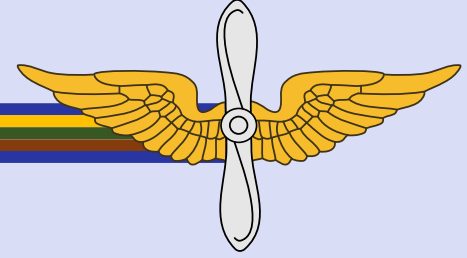
1. Air Quality
2. Anti-Terrorism / Force Protection
3. Biological Resources
4. Climate Adaptation
5. Coordination / Communication
6. Cultural Resources
7. Dust / Smoke / Steam
8. Energy Development
9. Frequency Spectrum Capacity
10. Frequency Spectrum
Impedence/Interference
11. Housing Availability
12. Infrastructure / Roadways
13. Land / Air / Sea Spaces
14. Land Use
15. Legislative Initiatives
16. Light and Glare
17. Marine Environments
18. Noise
19. Public Trespassing
- ~~20. Roadway Capacity~~
21. Safety Zones
22. Scarce Natural Resources
23. Vertical Obstructions
24. Vibration
25. Water Quality / Quantity

Compatibility Tools



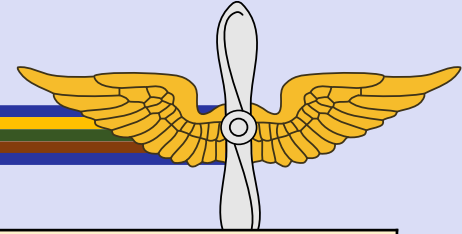
- Federal Programs and Policies
- Fort Novosel Plans and Programs
- State of Alabama Plans and Programs
- Regional Plans and Programs
- Local Jurisdiction Plans and Programs
- Other

Other CLUS Documents



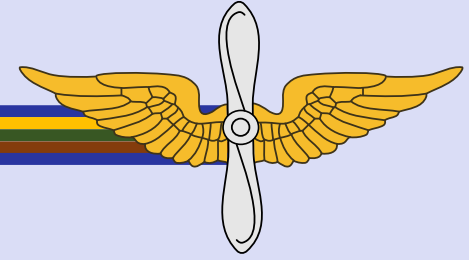
- Identify Issue
- Compatibility Assessment
- Findings
 - *Where are the actions?*

Coordination / Communication



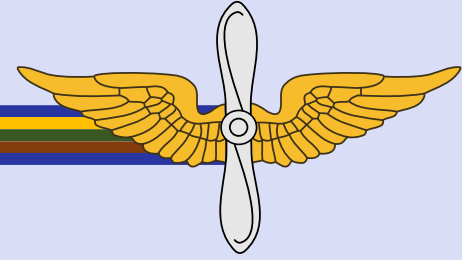
Compatibility Issue	Actions
No Formalized Planning and Development Coordination Between the Local Jurisdictions and Fort Novosel	<i>Regional MOU for Information Sharing</i>
	<i>Establish notification process (flowchart)</i>
	<i>Fort Novosel Participation in Planning Commission Meetings</i>
Lapse of Communication	<i>Regional MOU for Information Sharing</i>
Need for Knowledge	<i>Encourage public marketing campaign that informs of Fort Novosel's missions and activities and how to work with Fort Novosel</i>

Frequency Impedence



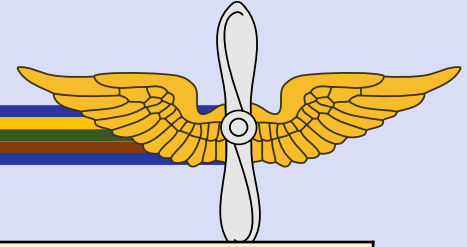
Compatibility Issue	Actions
Drones	<i>Drone Flight Areas</i>
	<i>Build Awareness of Novosel Facilities</i>
	<i>Build Awareness of Impact</i>
Airports	

Frequency Capacity



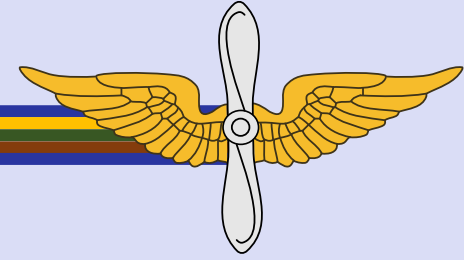
Compatibility Issue	Actions
Is bandwidth substantial enough for continued population, business, and military growth?	<i>Develop conversations with local providers regarding future needs</i>
	<i>Develop long-range plan for broadband expansions to accommodate future growth</i>

Housing Availability



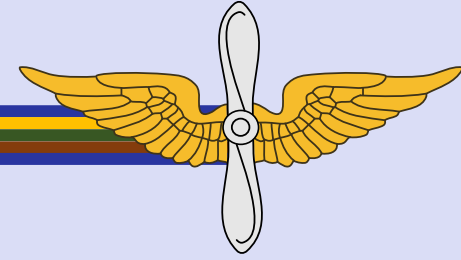
Compatibility Issue	Actions
Lack of moderate, affordable housing	<i>Encourage development of affordable housing in areas that are not incompatible with flight and noise zones</i>
	<i>Municipal comprehensive planning</i>
	<i>Establish development task force to communicate needs with local developers</i>
Land prices drive development – which extends housing development in formerly rural areas	<i>Municipal comprehensive planning and zoning</i>
	<i>Investigate county airport zoning</i>

Infrastructure



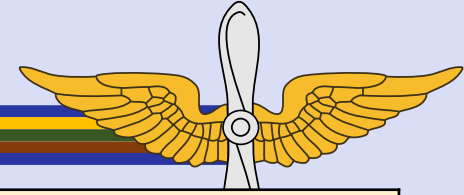
Compatibility Issue	Actions
Infrastructure promotes housing development	<i>Comprehensive Planning</i>
	<i>Zoning</i>
	<i>Capital Improvements Program</i>
Adequate infrastructure to support Fort Novosel	<i>Energy Supply</i>
	<i>Future Growth of Installation</i>
Traffic Congestion	<i>Road Improvements Needed</i>
Roadway Funding	<i>Capital Improvements Program</i>
	<i>State and Federal Improvement Programs</i>

Land / Air Space



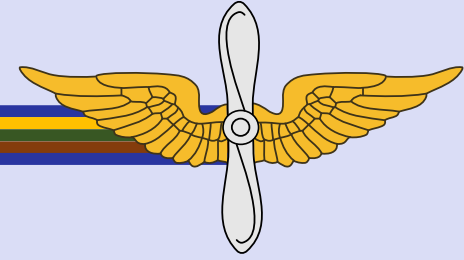
Compatibility Issue	Actions
Competition for Air Space	<i>Coordination with surrounding airports</i>
Drones	<i>Designate and Publicize Drone No-Flight Areas</i>
	<i>Build Awareness of Novosel Facilities</i>
	<i>Build Awareness of Impact</i>

Land Use



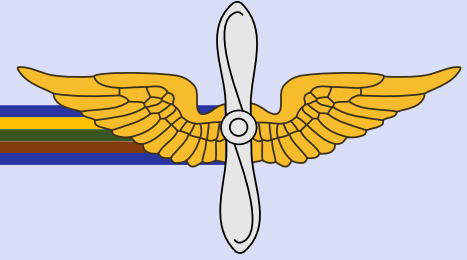
Compatibility Issue	Actions
Existing residential areas adjacent to installation and stage fields	<i>Promote full transparency in real estate sales</i>
	<i>Identify and designate influence areas</i>
	<i>Signed waiver with purchase within installation and stage field zone of influence</i>
	<i>Investigate mechanisms to remove incompatible residential land uses over extended period of time</i>
Future residential development	<i>Municipal Comprehensive Planning</i>
	<i>Municipal Zoning</i>
	<i>Include Fort Novosel representatives in comprehensive planning process</i>

Land Use



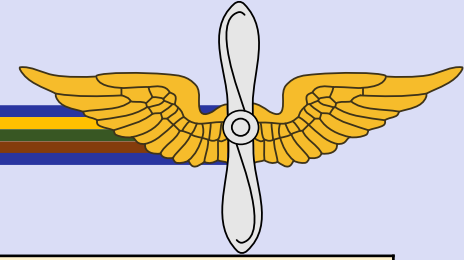
Compatibility Issue	Actions
Agricultural Land Uses	<i>Minimize livestock disturbances</i>
	<i>Investigate land conservation practices around stage fields</i>
Population Density within Zone of Influence	<i>Planning and Zoning only within municipalities</i>
	<i>Establish Task Force to investigate usage of county airport zoning</i>
Forestry Practices, Controlled Burns	<i>Minimize low flights over timber properties</i>

Light and Glare



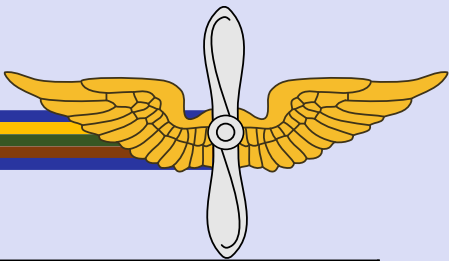
Compatibility Issue	Actions
Urban Glare becoming more prevalent	<i>Minimize lighted development in rural areas</i>
Spotlighting / Lasering Helicopters	<i>Public Awareness Campaign – Consequences of Actions</i>
Visibility	

Noise



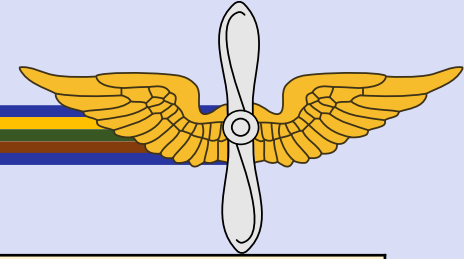
Compatibility Issue	Actions
Helicopters over urban areas	<i>Resolve Land Use Issues</i>
	<i>Property Disclosure</i>
Helicopters over rural areas during training	<i>Public Awareness Campaign</i>
	<i>Investigate Land Conservation Measures</i>
Weapons Training	<i>Evaluate and document the impact of noise produced by ongoing and proposed activities</i>
	<i>Monitor, record, archive and address operational noise complaints</i>

Vertical Obstructions



Compatibility Issue	Actions
Telecommunication Towers, Water Towers, Etc.	<i>Regional MOU for Information Sharing</i>
	<i>Fort Novosel participation in municipal planning commission meetings</i>
	<i>Enforce Military Land Use Planning Legislation</i>

Vibration



Compatibility Issue	Actions
Weapons Training	<i>Resolve Land Use Issues</i>
	<i>Property Disclosure</i>
Remote Training Activities	<i>Investigate Land Conservation Measures</i>
Low Flying Helicopters	<i>Resolve Land Use Issues</i>
	<i>Property Disclosure</i>

Questions?



Next Meeting: August 3, 2023