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John R. Cooper
TRANSPORTATION DIRECTOR

May 6, 2025

Mr. Tom Sharp, Chairman
Madison County Executive Airport Authority
360 Clyde Shelton Drive
Meridianville, Alabama 35759

Subject: Annual Inspection Report
Huntsville Executive Airport (MDQ)

Dear Chairman Sharp:

An inspection of the Huntsville Executive Airport was conducted by personnel of the Alabama Department of Transportation Aeronautics Bureau on April 16, 2025. The purpose of the inspection was to update the information currently on file regarding the airport and to ascertain compliance with the rules and regulations of the Alabama Department of Transportation governing licensed public-use airports within the State of Alabama.

Attached you will find a copy of the Annual Inspection Report. As noted in the report, the airport meets all requirements for the issuance of an operating license. There are, however, several maintenance items detailed in the report that need to be addressed.

If you should have any questions concerning the inspection or corrective actions, please do not hesitate to contact Mr. Noah Sowell with the Aeronautics Bureau at (334) 242-6831.

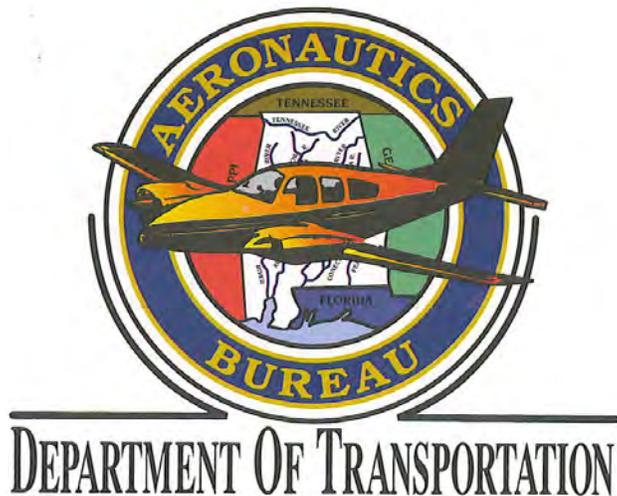
Sincerely,

Frank Farmer
Chief, Aeronautics Bureau

Copy:

Ms. Ryan Constans, FAA/ADO
Mr. Harry Wilson, P.E.

April 16, 2025



ANNUAL INSPECTION REPORT



**HUNTSVILLE EXECUTIVE AIRPORT
MERIDIANVILLE, ALABAMA**

Alabama Department of Transportation Aeronautics Bureau—Annual Airport Inspection Report

In accordance with the provisions of the Code of Alabama 23-1-357, an inspection of the ***Huntsville Executive Airport*** was conducted by ***Mr. Noah Sowell*** with the Alabama Department of Transportation Aeronautics Bureau on ***April 16, 2025***.

The inspection was conducted on the airport under the provisions of the Administrative Code Chapter 450-9-1 for the following areas:

Aeronautics Administrative Code	Inspection Results	Corrective Action	Notes
Approach & Departure Paths Administrative Code 450-9-1-.12 (1)	<i>In Compliance</i> <i>Maintenance</i>	Remove trees that penetrate the FAA Part 77 50:1 Approach Surface. Note: These trees can also be checked by a licensed surveyor to verify the location and amount of penetration to the approach surfaces.	There were obstructions detected inside the FAA 50:1 Part 77 Approach Surface of the Runway 18 end. See Appendices #2 and #4.
Primary Surface Administrative Code 450-9-1-.12 (2)	<i>In Compliance</i>	N/A	N/A
Runway Safety Area Administrative Code 450-9-1-.12 (3)	<i>In Compliance</i>	N/A	N/A
Airport Markings Administrative Code 450-9-1-.12 (4)	<i>In Compliance</i> <i>Maintenance</i>	Please clean markings or, if necessary, repaint markings in accordance with FAA AC 150/5340-1M.	Several apron markings are faded. See page #10.
Wind Direction Indicator Administrative Code 450-9-1-.12 (5)	<i>In Compliance</i>	N/A	N/A
Airport Lighting Administrative Code 450-9-1-.12 (6)	<i>In Compliance</i>	N/A	N/A
Runway, Taxiway and Apron Conditions Administrative Code 450-9-1-.12 (7)	<i>In Compliance</i> <i>Maintenance</i>	Please clear all vegetation from pavement cracks. Repair severely damaged pavement.	Some apron surfaces have vegetation growing through cracks. See pages #13 and #14.
Fueling Area Requirements Administrative Code 450-9-1-.12 (8)	<i>In Compliance</i> <i>Maintenance</i>	Please repair leak as soon as possible. Please replace the extinguisher with a ‘BC’ rated extinguisher when the current one is due to be replaced.	There is a steady Jet-A leak. The current fire extinguisher is an ‘ABC’ extinguisher.
Prohibited Activities Administrative Code 450-9-1-.16	<i>In Compliance</i> <i>Maintenance</i>	Ensure that no vehicles are operating inside the RSA and ROFA while aircraft are approaching, landing, taking off or operating on the Runway.	An airport maintenance tractor was observed operating within the ROFA while aircraft were taking off and landing. See page #20.
Additional Items	N/A	N/A	N/A

License Status— **Compliance**

The corrective actions that may be prescribed in this inspection report do not relieve the airport sponsor from compliance with any other Federal, State or local laws, ordinances or regulations that may be applicable. It is the responsibility of the airport sponsor to be aware of and obey all Federal, State or local laws, ordinances or regulations that may have a bearing on the corrective actions that may be specified in this report.

Code of Alabama 23-1-357(a)... a person or municipality may not operate an airport, restricted landing area, or other navigation facility without a license issued by this Department.

Huntsville Executive Airport

Approach and Departure Paths—Runway 18 Approach End

Administrative Code 450-9-1-.12(1)



MAINTENANCE: There were no obstructions in the ALDOT 20:1 Approach Path of the Runway 18 end. However, there were obstructions detected inside the FAA Part 77 50:1 Approach Surface that should be removed. Please see **Appendices #2 and #4.**

Note: Obstructions identified are representative and may not include all existing obstructions. These trees can also be checked by a licensed surveyor to verify the location and amount of penetration to the approach surface.

Huntsville Executive Airport

Approach and Departure Paths—Runway 36 Approach End

Administrative Code 450-9-1-.12(1)



There were no obstructions in the ALDOT Approach Path of the Runway 36 end.

Huntsville Executive Airport

Primary Surface

Administrative Code 450-9-1-.12(2)



The Primary Surface **MEETS** state licensing standards.

Huntsville Executive Airport

Runway Safety Areas

Administrative Code 450-9-1-.12(3)



The Runway Safety Area **MEETS** state licensing standards.

Huntsville Executive Airport

Airport Markings—Runway

Administrative Code 450-9-1-.12(4)

Runway 18



Runway 36

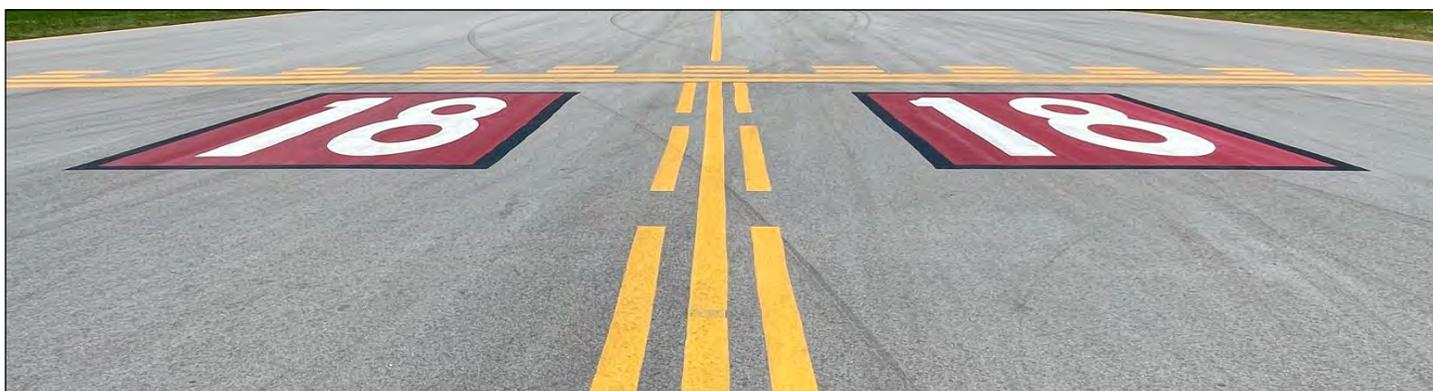
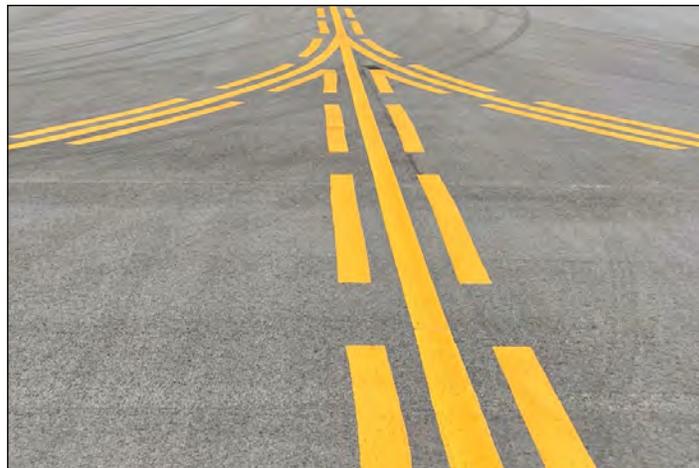


The Runway markings are in **GOOD** condition.

Huntsville Executive Airport

Airport Markings—Taxiway

Administrative Code 450-9-1-.12(4)



Taxiway markings on the airfield are in **GOOD** overall condition.

Huntsville Executive Airport

Airport Markings—Main Terminal/FBO Apron

Administrative Code 450-9-1-.12(4)

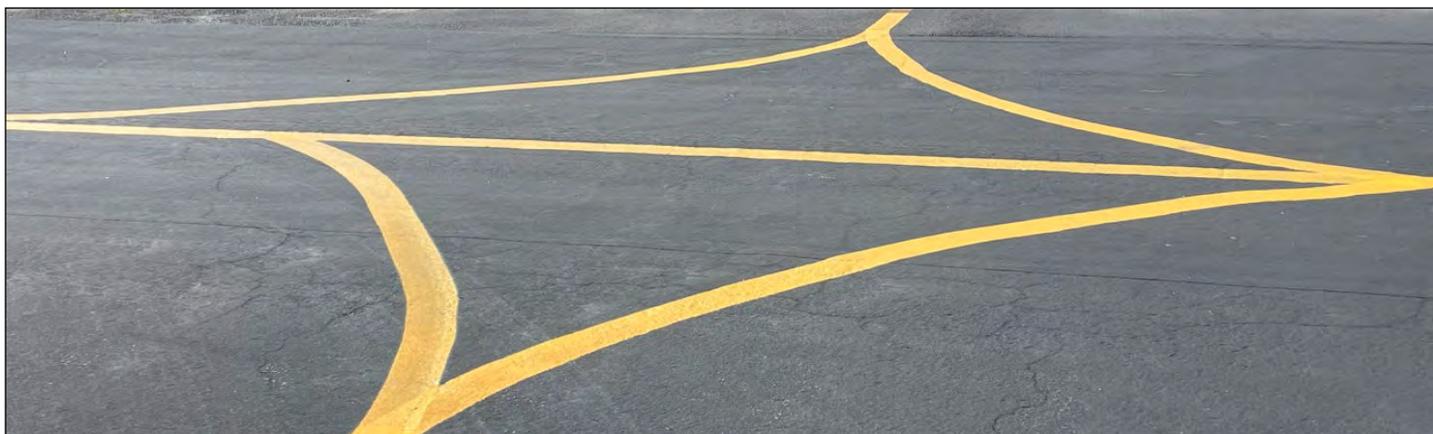
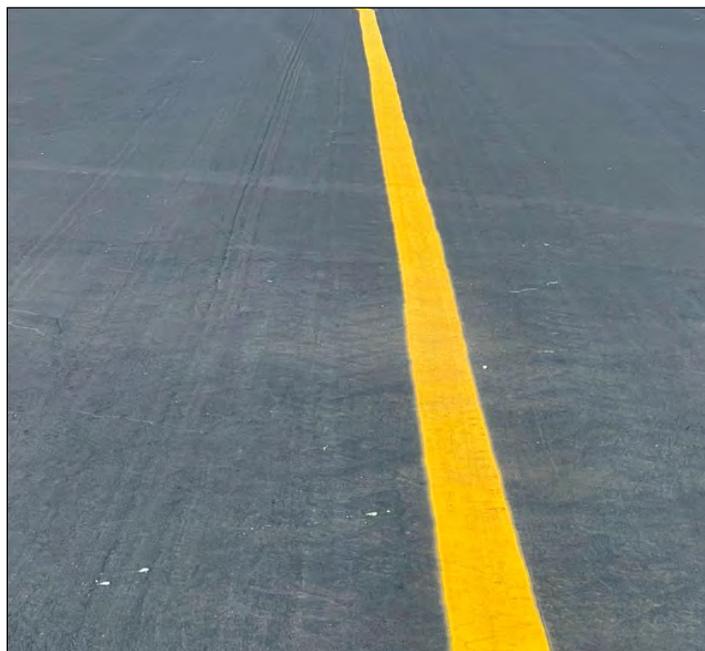
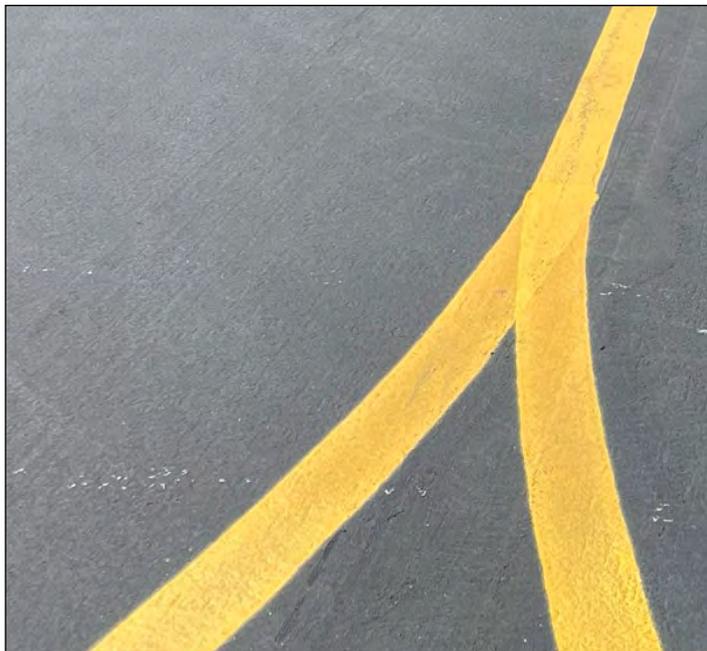


The main terminal/FBO apron markings are in **GOOD** overall condition.

Huntsville Executive Airport

Airport Markings—North Hangars Apron/Taxilane

Administrative Code 450-9-1-.12(4)



The apron and taxiway markings at the hangars north of the terminal are in **GOOD** overall condition.

Huntsville Executive Airport

Airport Markings—South Hangars Apron/Taxilane

Administrative Code 450-9-1-.12(4)



MAINTENANCE: The apron and taxiway markings at the hangars south of the terminal range from **POOR** to **FAIR** condition. Some markings, like the taxiway markings shown above, are severely faded. Please clean or repaint markings in accordance with FAA AC 150/5340-1M where necessary.

Huntsville Executive Airport

Wind Direction Indicator

Administrative Code 450-9-1-.12(5)



The wind direction indicator and segmented circle are in **GOOD** condition.

Huntsville Executive Airport

Airport Lighting

Administrative Code 450-9-1-.12(6)

An inspection of the lighting system had the following results:

Runway Lights	0 inoperable
Taxiway Lights	0 inoperable
Threshold Lights	0 inoperable
PAPI	0 inoperable
REIL	0 inoperable

The airport lighting system **MEETS** State Licensing Standards for night-time operation.

Huntsville Executive Airport

Runway, Taxiway and Apron Conditions—Runway

Administrative Code 450-9-1-.12(7)



The Runway surface is in **FAIR** condition.

Huntsville Executive Airport

Runway, Taxiway and Apron Conditions—Taxiway

Administrative Code 450-9-1-.12(7)



Taxiway surfaces on the airfield are in **GOOD** overall condition.

Huntsville Executive Airport

Runway, Taxiway and Apron Conditions—Terminal/FBO Apron

Administrative Code 450-9-1-.12(7)



The main terminal/FBO apron pavement is in **FAIR** overall condition.

Huntsville Executive Airport

Runway, Taxiway and Apron Conditions—North Hangars

Administrative Code 450-9-1-.12(7)



MAINTENANCE: The north hangars apron/taxilane surfaces range from **FAIR** to **GOOD** condition. There are portions of the pavement in this area that exhibit cracking. Vegetation is growing through these cracks in some areas. Please remove vegetation.

Huntsville Executive Airport

Runway, Taxiway and Apron Conditions—South Hangars

Administrative Code 450-9-1-.12(7)



MAINTENANCE: The south hangars apron/taxilane surfaces range from **POOR** to **FAIR** condition. There are portions of the pavement in this area that exhibit severe cracking. Vegetation is growing through these cracks in some areas. Please remove vegetation and repair severely damaged pavement.

Huntsville Executive Airport

Fueling Area Requirements

Administrative Code 450-9-1-.12(8)



MAINTENANCE: There is a steady Jet-A leak at the fuel farm. Droplets of Jet-A are leaking from a joint in the piping system and pooling into the containment area below. Please repair leak as soon as possible.

Huntsville Executive Airport

Fueling Area Requirements

Administrative Code 450-9-1-.12(8)



MAINTENANCE: The current wheeled fire extinguisher at the fuel farm is an ‘ABC’ extinguisher and should be replaced with a ‘BC’ rated extinguisher as soon as the current wheeled extinguisher is due for replacement.

Huntsville Executive Airport

Prohibited Activities

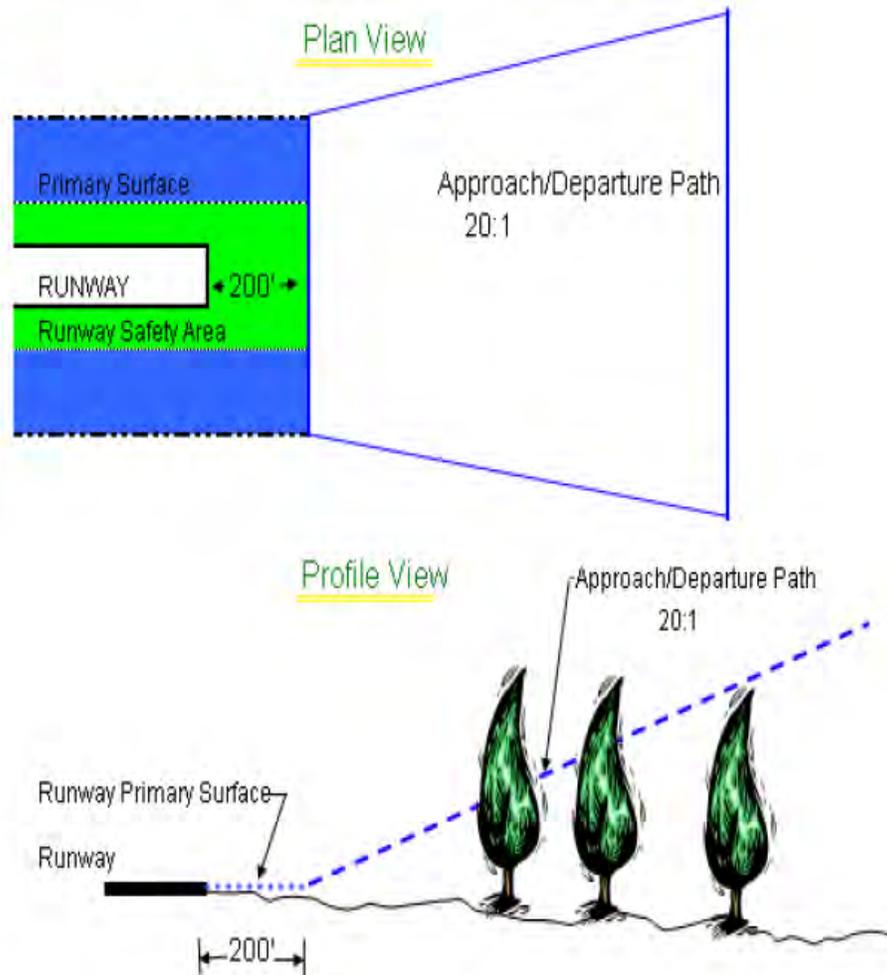
Administrative Code 450-9-1-.16



MAINTENANCE: An airport maintenance tractor was observed operating within the boundaries of the Runway Object-Free Area (ROFA) while aircraft were taking off and landing. Please ensure that all airport personnel are equipped with a radio when on the airfield. Ensure that no vehicles are operating inside the ROFA and RSA while aircraft are approaching, landing, taking off or otherwise operating on the Runway.

APPENDIX 1

Approach and Departure Path Dimensions			
Inner Width	Outer Width	Length	Acreage
250 Feet	450 Feet	1,000 Feet	8.04 Acres
Primary Surface Dimensions			
250 Feet Wide Centered Along Runway Centerline			
Extending 200 Feet Past the Runway End			
Runway Safety Area Dimensions			
120 Feet Wide Centered Along Runway Centerline			
Extending 200 Feet Past the Runway End			



APPENDIX 2

Huntsville Executive Airport
Meridianville, AL
April 16, 2025
Runway 18 Obstruction Evaluation

1. Tree 31' Abv RWY
1337' From RWY End
229' Right of CL
36:1 Obst Clnc

2. Tree 34' Abv RWY
1014' From RWY End
176' Right of CL
23:1 Obst Clnc

4. Tree 32' Abv RWY
1013' From RWY End
331' Left of CL
25:1 Obst Clnc

ALDOT 20:1 APP/DEP PATH

FAA 50:1 PART 77 APPROACH SURFACE

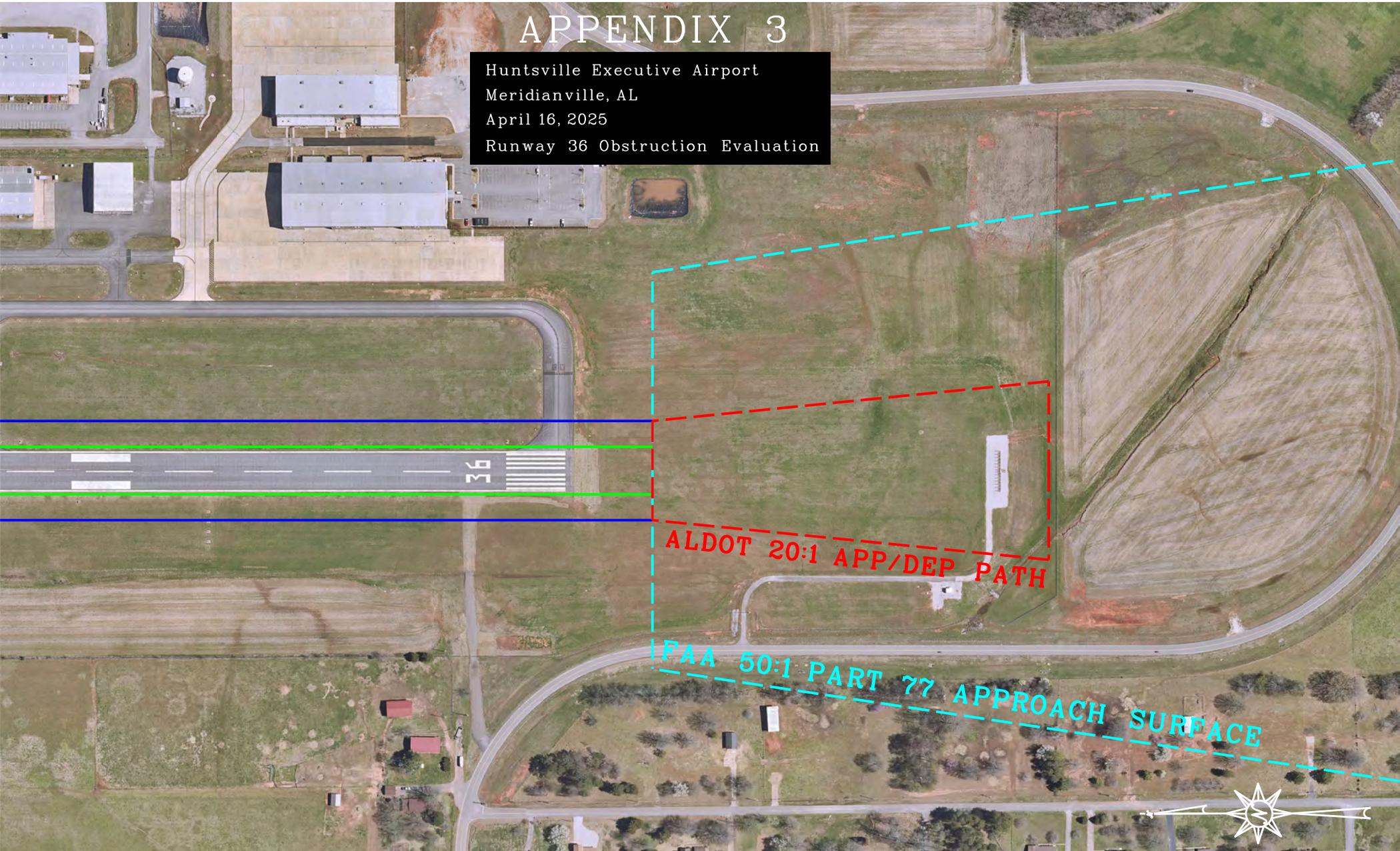
 Controlling Obstruction

 Penetrates FAA Part 77 Approach Surface



APPENDIX 3

Huntsville Executive Airport
Meridianville, AL
April 16, 2025
Runway 36 Obstruction Evaluation



APPENDIX 4

Huntsville Executive Airport
Meridianville, AL
April 16, 2025
Runway 18 Obstruction Evaluation

