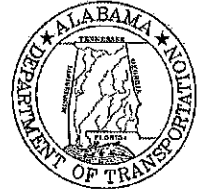




Kay Ivey  
GOVERNOR

**ALABAMA**  
**DEPARTMENT OF TRANSPORTATION**

**AERONAUTICS BUREAU**  
1409 COLISEUM BOULEVARD  
MONTGOMERY, ALABAMA 36110  
PHONE (334) 242-6820  
FAX (334) 353-6540



John R. Cooper  
TRANSPORTATION DIRECTOR

June 25, 2019

The Honorable Randy Garrison  
Mayor, City of Hartselle  
200 Sparkman Street, SW.  
Hartselle, Alabama 35640

**Subject: Annual Inspection Report**  
**Hartselle-Morgan County Regional Airport (3M0)**

Dear Mayor Garrison:

An inspection of the Hartselle-Morgan County Regional Airport was conducted by personnel of the Alabama Department of Transportation Aeronautics Bureau on June 25, 2019. 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 for Hartselle-Morgan County Regional Airport. As noted in the report, the airport **does not meet** the requirements for the issuance of an operating license. The license is being withheld pending the completion of the required maintenance detailed in this report. When the corrections have been made, please contact this office to schedule a re-inspection.

If you should have any questions concerning the inspection or corrective actions, please do not hesitate to contact the Aeronautics Bureau at (334) 242-6820.

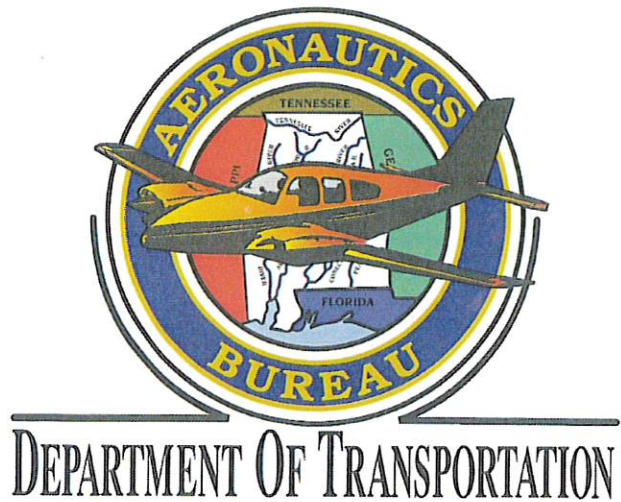
Sincerely,

John C. Eagerton IV, D.P.A.  
Chief, Aeronautics Bureau

Copy: Mr. Rans Black, FAA/ADO  
Mr. Wes Mittlesteadt, FAA/ADO  
Mr. Jeff Johnson, City of Hartselle  
Ms. Courtney Tomberlin, Garver

# ANNUAL INSPECTION REPORT

June 25, 2019



***Hartselle-Morgan County Regional Airport (5M0)  
Hartselle, Alabama***

**Annual Inspection Report  
Hartselle-Morgan County Regional Airport (5M0)  
Hartselle, Alabama**

June 25, 2017

**TABLE OF CONTENTS**

<b>INTRODUCTION</b>	<b>PAGE 1</b>
<b>INSPECTION METHODOLOGY</b>	<b>PAGE 1</b>
<b>LICENSE STATUS</b>	<b>PAGE 2</b>
<b>APPROACH &amp; DEPARTURE PATH</b>	<b>PAGE 3</b>
<b>PRIMARY SURFACE</b>	<b>PAGE 6</b>
<b>RUNWAY SAFETY AREA</b>	<b>PAGE 7</b>
<b>AIRPORT MARKINGS</b>	<b>PAGE 8</b>
<b>WIND DIRECTION INDICATOR</b>	<b>PAGE 9</b>
<b>AIRPORT LIGHTING</b>	<b>PAGE 10</b>
<b>RUNWAY, TAXIWAY, AND APRON CONDITIONS</b>	<b>PAGE 11</b>
<b>FUELING AREA REQUIREMENTS</b>	<b>PAGE 12</b>
<b>PROHIBITED ACTIVITIES</b>	<b>PAGE 14</b>
<b>SUMMARY</b>	<b>PAGE 15</b>
<b>APPENDIX 1</b>	<b>PAGE 16</b>
<b>APPENDIX 2</b>	<b>PAGE 17</b>

# **Annual Inspection Report Hartselle-Morgan County Regional Airport (5M0) Hartselle, Alabama**

June 25, 2019

## **Introduction:**

**Code of Alabama 23-1-357(c).** The department may perform such acts, issue and amend such orders and make, promulgate, or amend general or special rules, regulations, and procedures and establish minimum standards, consistent with the provisions of this article as it shall deem necessary to carry out the provisions of this article and to perform its duties hereunder, all commensurate with and for the purpose of protecting and insuring the general public interest, health, welfare, and safety. (Act 2000-220, 10.)

In accordance with the provisions of the Code of Alabama 23-1-357(c) an inspection of the Hartselle-Morgan County Regional Airport was conducted by Mr. Ethan Tharpe of the Alabama Department of Transportation Aeronautics Bureau on June 25, 2019.

The corrective actions that may be prescribed in this inspection report do not relieve the airport owner from compliance with any other Federal, State or local laws, ordinances or regulations that may be applicable. It is the responsibility of the airport owner 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.

## **Inspection Methodology:**

The inspection of the required State Approach/Departure Path and Federal Runway Protection Zones was accomplished by the use of approved engineering methods and equipment. The angles, locations and heights of trees or other objects within these areas were derived by the use of a Theodolite and electronic distance measuring device.

All other areas of the inspection were conducted visually and photographed for reference purposes.

The FAA Airport Design Standards referred to in this report were taken from the Airport Layout Plan (ALP) approved by the Federal Aviation Administration (FAA) in August 2013.

**Annual Inspection Report  
Hartselle-Morgan County Regional Airport (5M0)  
Hartselle, Alabama**

June 25, 2019

**License Status:**

**Code of Alabama 23-1-375(a).** ...a person or municipality may not operate an airport, restricted landing area, or other air navigation facility without a license issued by the department.

Based upon the findings of the inspection conducted on June 25, 2019 it was determined that the airport **does not meet** the requirements for the issuance of an operating license. The license is being withheld pending completion of the required actions detailed in this report. The Code of Alabama 23-1-375 prohibits the operation of an airport for which a license has not been issued.

*The inspection was conducted on the airport under the provisions of the Administrative Code for the following areas:*

# Annual Inspection Report Hartselle-Morgan County Regional Airport (5M0) Hartselle, Alabama

June 25, 2019

## 1. Approach and Departure Paths Administrative Code 450-9-1-.12(1) (See Appendix 1)

### State Licensing Standards:

- For all hard surface runways the approach and departure path begins 200 feet from the runway end (runway threshold).
- For all hard surface runways with a displaced threshold, the approach and departure path begins at the point of displacement (See Appendix 2).
- The approach and departure path for all runways slopes up at a ratio of 20:1.
- All penetrations of the approach and departure paths, whether natural or manmade, constitute an obstruction to navigation and must be removed.
- The land beneath the approach and departure path must be controlled by the airport owner. This is accomplished by ownership of the property in fee simple or by written perpetual agreement with the owner of the land.

### Inspection Results: **VIOLATION**

- Runway 36 -- **VIOLATION**. The trees identified as Tree #2 and #3 violate the ALDOT 20:1 Approach & Departure Path (See Photo #1, #2, and Appendix #2).
- Runway 18 -- No Obstructions (See Photo #3)

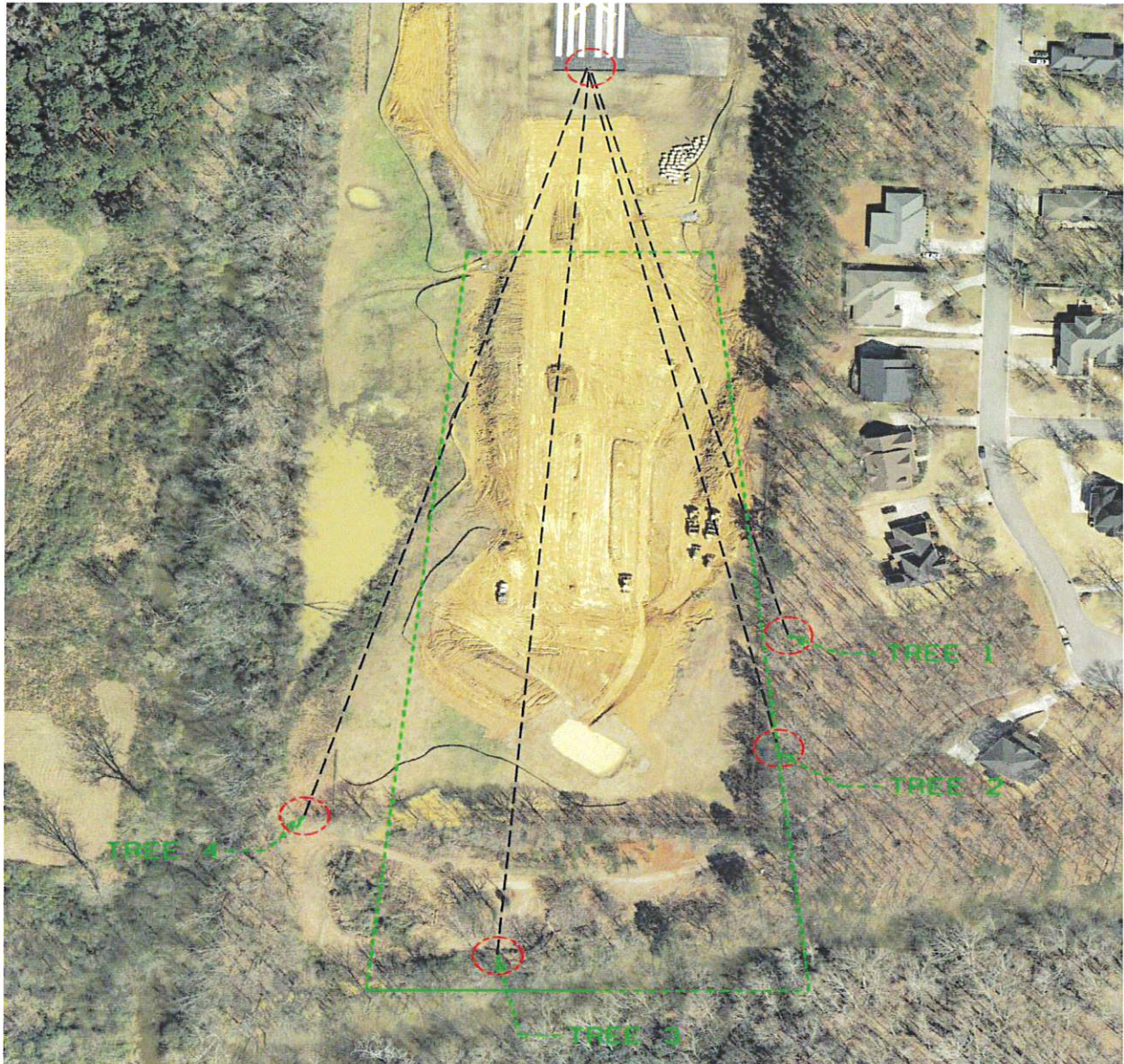
### Required Action:

- Remove all obstructions within the ALDOT 20:1 Approach and Departure Path.
- The obstructions detailed in this report are representative and may not include all obstructions in the Approach and Departure Path.

**Annual Inspection Report  
Hartselle-Morgan County Regional Airport (5M0)  
Hartselle, Alabama**

June 25, 2019

**Photo #1 – Runway 36 Approach**



**Annual Inspection Report  
Hartselle-Morgan County Regional Airport (5M0)  
Hartselle, Alabama**

June 25, 2019

**Photo #2 – Approach 18**



**Photo #3 – Approach 36**



# Annual Inspection Report Hartselle-Morgan County Regional Airport (5M0) Hartselle, Alabama

June 25, 2019

## 2. Primary Surface Administrative Code 450-9-1-.12(2)

### State Licensing Standards:

- Primary Surface (See Appendix 1): The primary surface is 250 feet wide, centered on the runway centerline and extends 200 feet past the end of the marked runway. The primary surface is required to be free of all obstructions, manmade or natural. The only allowable objects are runway lights, guidance signs, or navigation equipment that by function is required to be within the primary surface boundaries.

### Inspection Results:

- The primary surface meets state licensing requirements (See Photo #4).

**Photo #4 – Primary Surface**



**Annual Inspection Report  
Hartselle-Morgan County Regional Airport (5M0)  
Hartselle, Alabama**

June 25, 2019

**3. Runway Safety Area  
Administrative Code 450-9-1-.12(3)**

**State Licensing Standards:**

- Runway Safety Area (Appendix 1): All runways are required to maintain an obstruction free area adjacent to each runway. This area is 120 feet wide, centered on the runway centerline, and extends for a distance of 200 feet past the runway end. The area must be compacted and graded smooth with no ruts, humps, depressions or other potentially hazardous surface variations. The slope along the longitudinal centerline shall not exceed a rise or fall of three percent in elevation relative to the runway end elevation. The lip from the top of the pavement to the grade adjacent to the runway should not exceed 3 inches.

**Inspection Results:**

- The runway safety area meets state licensing requirements.

# Annual Inspection Report Hartselle-Morgan County Regional Airport (5M0) Hartselle, Alabama

June 25, 2019

## 4. Airport Markings Administrative Code 450-9-1-.12(4)

### State Licensing Standards:

- Airport Markings: All runways are required to be marked in a manner identifying the boundaries of the landing areas. The runway markings must be painted white and be maintained in a legible condition.

### Inspection Results:

- The airport markings are in **GOOD** condition (See Photo #5).

**Photo #5 – Runway 18 NPI Markings**



# Annual Inspection Report Hartselle-Morgan County Regional Airport (5M0) Hartselle, Alabama

June 25, 2019

## 5. Wind Direction Indicator Administrative Code 450-9-1-.12(5)

### State Licensing Standards:

- Wind Direction Indicators: All airports are required to have an operational wind direction indicator. It must be installed in a highly visible area and free from obstructions to ensure true wind direction and velocity. Night operations require the indicator be lighted.

### Inspection Results:

- The wind direction indicator (wind sock) is in **GOOD** condition. However, the segmented circle is faded and needs to be repainted. (see photo #6)

**Photo #6 – Wind Direction Indicator**



### Required Action:

- Paint segmented circle.

**Annual Inspection Report  
Hartselle-Morgan County Regional Airport (5M0)  
Hartselle, Alabama**

June 25, 2019

**6. Airport Lighting  
Administrative Code 450-9-1-.12(6)**

**State Licensing Standards:**

- Airport Lighting: Runway lights and a lighted wind direction indicator are required for night operations. A rotating beacon is suggested. All runway, threshold, and taxiway lighting shall be maintained in operational condition and shall not be obscured by natural growth such as grass and/or weeds.

**Inspection Results:**

- An inspection of the lighting system had the following results:

<b><i>Runway Lights</i></b>	OUT OF SERVICE
<b><i>Taxiway Lights</i></b>	OUT OF SERVICE
<b><i>Threshold Lights</i></b>	OUT OF SERVICE

**Required Action:**

- Repair/Replace all inoperable lighting components.
- Airport is NOTAM'ed closed for night operations until airport lighting has been repaired.

**Annual Inspection Report  
Hartselle-Morgan County Regional Airport (5M0)  
Hartselle, Alabama**

June 25, 2019

**7. Runway, Taxiway and Apron Conditions**  
**Administrative Code 450-9-1-.12(7)**

**State Licensing Standards:**

- Runway, Taxiway and Apron Conditions: All airport pavement surfaces associated with aircraft operations must be kept smooth and free of any defect or obstruction that could damage an aircraft. The lip of the airport pavement surfaces must not exceed three (3) inches in elevation from the top of the pavement to the shoulder. The drop should only be enough to allow sufficient drainage and not pose a control problem for aircraft exiting the runway. The aircraft parking apron is for the operation and parking of aircraft only and should be smooth and free of obstructions or defects that could cause damage to aircraft during operations.

**Inspection Results:**

- An inspection of the airport pavement surfaces had the following results:

<b><i>Ramp</i></b>	<b>GOOD</b>
<b><i>Taxiways</i></b>	<b>GOOD</b>
<b><i>Runway</i></b>	<b>GOOD</b>

# Annual Inspection Report Hartselle-Morgan County Regional Airport (5M0) Hartselle, Alabama

June 25, 2019

## 8. Fueling Area Requirements Administrative Code 450-9-1-.12(8)

### State Licensing Standards:

- Signs should be posted prohibiting open flames or smoking in fueling areas. The fueling facility must be labeled indicating the type fuel being dispensed.
- Grounding cables must be available.
- A fire extinguisher approved for the purpose of extinguishing petroleum product fires available during all fueling operations.
- Serviceable hoses and connections that would preclude a rupture or leaking of fuel.

### Inspection Results:

- Fire extinguishers at the fueling area did not have valid inspection tags.
- The AVGAS fueling hose and grounding cable were improperly stored. All hoses and cables should be properly stored when not in use.
- Emergency Shutoff Valve locked and not accessible for use.

---

*The State of Alabama Department of Agriculture and Industries may have additional requirements for fueling systems that were not considered during this inspection*

---

### Required Action:

- Recharge or replace fire extinguishers with valid inspection tags. (see photo #7)
- Properly store AVGAS fueling hose and grounding cable. (see photo #8)
- Make sure emergency shutoff valve is fully accessible.

# Annual Inspection Report Hartselle-Morgan County Regional Airport (5M0) Hartselle, Alabama

June 25, 2019

**Photo #7 - AVGAS and Jet A Fueling Facilities**



**Photo #8 - Fueling Hoses**



# Annual Inspection Report Hartselle-Morgan County Regional Airport (5M0) Hartselle, Alabama

June 25, 2019

## 9. Prohibited Activities Administrative Code 450-9-1-.16

### State Licensing Standards:

- Prohibited Activities: The use of any portion of the aircraft operations area, or airport property within the boundaries of the imaginary surfaces of a licensed airport for any purpose other than the operation of aircraft shall be deemed a non-aeronautical activity and is prohibited.

### Inspection Results:

- Hole found along perimeter fence allowing unauthorized access to airport. (See Photo #9)

Photo #9 - Hole in Fence



### Required Action:

- Repair/replace fencing to prevent unauthorized access.

**Annual Inspection Report  
Hartselle-Morgan County Regional Airport (5M0)  
Hartselle, Alabama**

June 25, 2019

**Summary:**

The table below summarizes items noted in this report:

**Inspection Summary**

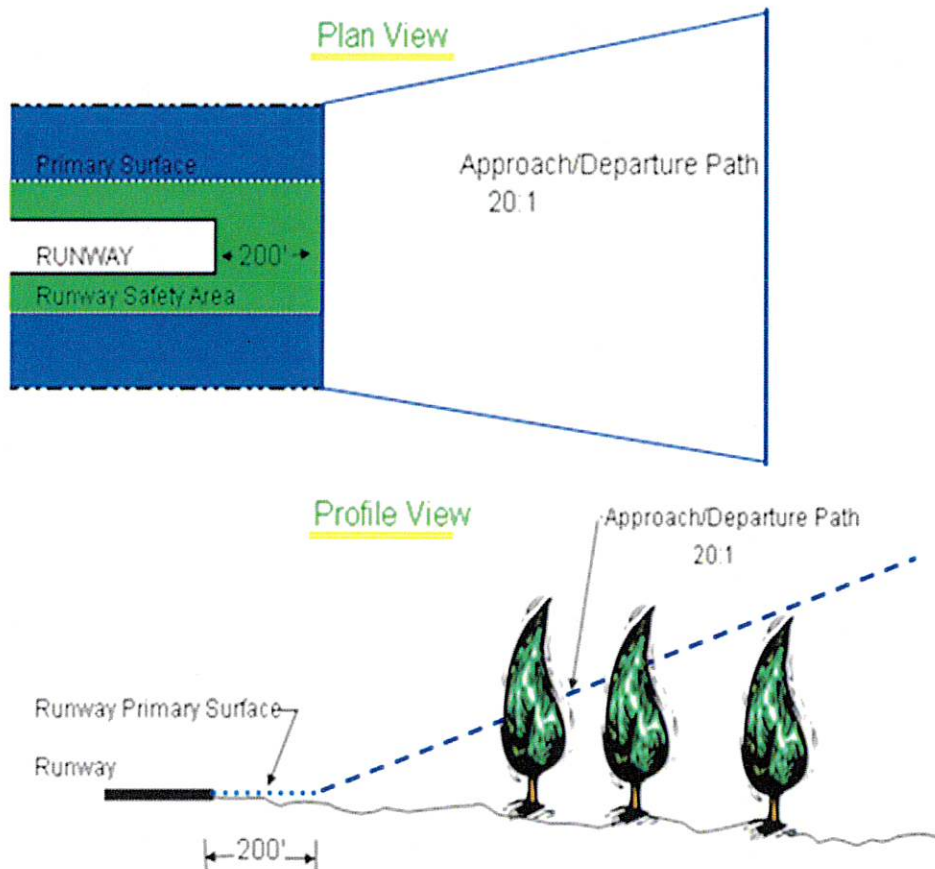
<b>Inspection Area</b>	<b>Violation/Maintenance</b>	<b>Corrective Action</b>
Approach/Departure Path	<b>VIOLATION</b>	Remove all obstructions in the ALDOT 20:1 Approach/Departure Path.
Wind Direction Indicator	Maintenance	Paint segmented circle.
Airport Lighting	Maintenance	Repair/Replace inoperable lighting components.
Fueling Area	Maintenance	Recharge/replace fire extinguishers with valid inspection tags Properly store AVGAS fueling hoses and grounding cable <b>Make emergency shutoff valve fully accessible.</b>
Prohibited Activities	Maintenance	Repair/Replace fencing to prevent unauthorized access.

Please contact Mr. Ethan Tharpe of the Aeronautics Bureau of the Alabama Department of Transportation at (334) 242-6820 with questions concerning the Annual Inspection Report.

# Annual Inspection Report Hartselle-Morgan County Regional Airport (5M0) Hartselle, Alabama

June 25, 2019

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 1

Hartselle-Morgan County Regional Airport (5M0)  
Hartselle, Alabama  
June 25, 2019

20:1 APP/DEPT PATH OBSTRUCTIONS

TREE 2: 195' RIGHT OF CENTERLINE  
918' FROM RUNWAY END  
8:1 OBSTACLE CLEARANCE

TREE 3: 90' LEFT OF CENTERLINE  
1196' FROM RUNWAY END  
11:1 OBSTACLE CLEARANCE

NOTES:

1. THIS DRAWING IS NOT TO SCALE.
2. THIS DRAWING IS FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.

