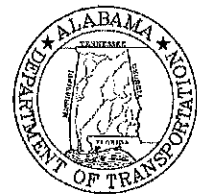




Kay Ivey
GOVERNOR

ALABAMA
DEPARTMENT OF TRANSPORTATION

AERONAUTICS BUREAU
1409 COLISEUM BOULEVARD
MONTGOMERY, ALABAMA 36130
PHONE (334) 242-6820
FAX (334) 353-6540



John R. Cooper
TRANSPORTATION DIRECTOR

November 5, 2019

The Honorable Pete Wolff III
Mayor, City of Evergreen
P.O. Box 229
Evergreen, Alabama 36401

Subject: Annual Inspection Report
Evergreen Municipal (Middleton Field) Airport

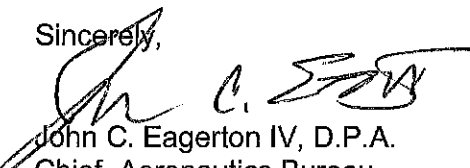
Dear Mayor Wolff:

An inspection of the Evergreen Municipal (Middleton Field) Airport was conducted by personnel of the Alabama Department of Transportation Aeronautics Bureau on October 26, 2017. 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 the airport. The report shows that all licensing requirements for the airport have been met, and the license is reissued. The report also details a maintenance issue which should be addressed. Please note that it is highly encouraged that pavement maintenance should be planned for the taxiways. Maintenance on airport drainage should be planned as well.

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

Michelle Conway
Goodwyn, Mills and Cawood, Inc

Aviation/Community Planner
JPATS Coordinator
US Navy

OCTOBER 23, 2019



ANNUAL INSPECTION REPORT



EVERGREEN MUNICIPAL (MIDDLETON FIELD) AIRPORT

EVERGREEN, ALABAMA

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**Annual Inspection Report
Evergreen Municipal (Middleton Field) Airport
Evergreen, Alabama**

October 23, 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 Evergreen Municipal (Middleton Field) Airport was conducted by Ethan Tharpe of the Alabama Department of Transportation Aeronautics Bureau on October 23, 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 using approved engineering methods and equipment. The angles, locations and heights of trees or other objects within these areas were derived using 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 Drawing (ALD) dated September 28, 2012.

**Annual Inspection Report
Evergreen Municipal (Middleton Field) Airport
Evergreen, Alabama**

October 23, 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 October 23, 2019, it was determined that the airport meets the requirements for the issuance of an operating license.

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

**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).
- 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:

- Runway 1 – No obstructions (See Photo # 1).
- Runway 19 – No obstructions (See Photo # 2).
- Runway 10 – No obstructions (See Photo # 3).
- Runway 28 – No obstructions (See Photo # 4).

**Annual Inspection Report
Evergreen Municipal (Middleton Field) Airport
Evergreen, Alabama**

October 23, 2019

Photo # 1 – Runway 1 Approach



Photo # 2 – Runway 19 Approach



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Photo # 3 – Runway 10 Approach



Photo # 4 – Runway 28 Approach



October 23, 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 surfaces for all runways meet state licensing requirements.
- It should be noted that drainage failure is happening in two different locations along RWY 01/19. While outside the Primary Surface, the erosion from failure is progressing towards the runway. Contact consultant to mitigate failure/erosion. (See Photos #5 & 6)

Maintenance Required:

- Contact the Airport Engineer to mitigate drainage failure and erosion.

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Photo #5 -- Drainage Failure



Photo #6 -- Drainage Failure



October 23, 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 areas meet state licensing requirements.

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:

- Runway markings are in GOOD condition. (See Photo #7)
- Taxiway markings are in FAIR condition due to algae growth and buildup (See Photo #8).

Maintenance Required:

- Clean markings. If markings are unable to be cleaned, remark taxiways in accordance with FAA AC 150/5340-1M.

**Annual Inspection Report
Evergreen Municipal (Middleton Field) Airport
Evergreen, Alabama**

October 23, 2019

Photo #7 - NPI Markings Rwy 19



Photo #8—Taxiway Markings



October 23, 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 cone) is operational and the fabric is clearly visible.

**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:

- The results of the lighting system inspection are as follows:

Threshold Lights	– 4 inoperative
Taxiway Lights	– 1 inoperative
Runway Lights	– 0 inoperative
PAPI (P4L)	– 0 inoperative

Maintenance Required:

- Repair/replace inoperative lights.

October 23, 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:

- The runway surfaces are in GOOD condition. (See Photo #9).
- The parallel taxiway to Runway 28/10 is in POOR condition. Parts of the taxiway are exhibiting cracking and vegetation (See Photo #10).

Maintenance Required:

- Clean and seal cracks.
- Plan taxiway pavement rehabilitation project.

**Annual Inspection Report
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Evergreen, Alabama**

October 23, 2019

Photo #9 — Runway Pavement



Photo #10 — Taxiway Cracking



October 23, 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 extinguishing petroleum product fires available during all fueling operations.
- Serviceable hoses and connections that would preclude a rupture or leaking of fuel.

Inspection Results:

- The fueling area meets the requirements established by the Alabama Department of Transportation. (See Photo #11)

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

Photo #11 -- Fueling Area



**Annual Inspection Report
Evergreen Municipal (Middleton Field) Airport
Evergreen, Alabama**

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**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:

- No prohibited activities were observed during the inspection.

Summary:

The table below summarizes items noted in this report.

INSPECTION SUMMARY

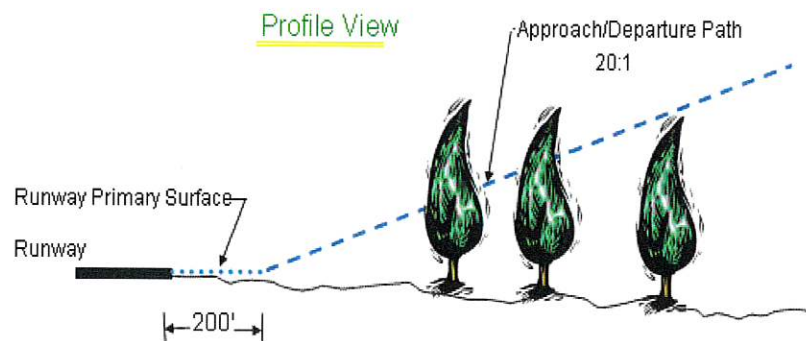
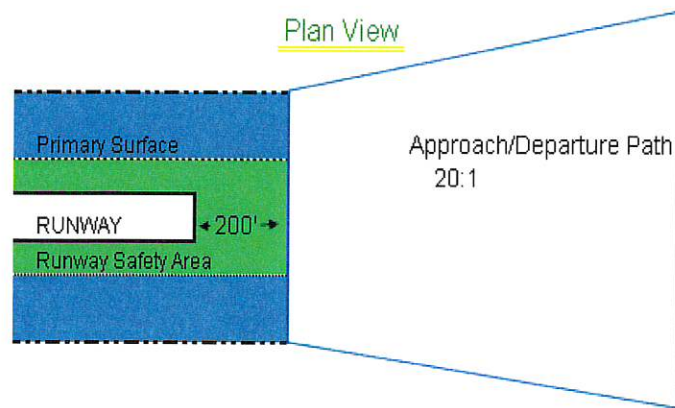
Inspection Area	Violation/Maintenance	Corrective Action
Primary Surface	Maintenance	Contact the Airport Engineer to mitigate drainage failure and erosion.
Airport Markings	Maintenance	Clean markings.
Airport Lighting	Maintenance	Repair/replace inoperative lights.
Runway, Taxiway, and Apron Conditions	Maintenance	Clean and seal cracks. Plan taxiway pavement rehabilitation project.

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

**Annual Inspection Report
Evergreen Municipal (Middleton Field) Airport
Evergreen, Alabama**

October 23, 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