



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

October 20, 2020

Mr. Ricky Suggs  
Floralia Airport Authority  
P. O. Box 76  
Floralia, Alabama 36442

**Subject: Re-inspection Report**  
**Floralia Municipal Airport**

Dear Mr. Suggs:

An inspection of the Floralia Municipal Airport was conducted by personnel of the Alabama Department of Transportation Aeronautics Bureau on September 28, 2020. 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. The findings of this inspection concluded that the Floralia Municipal airport did not meet State Licensing Standards due to erosion in the runway safety area (RSA) causing a threshold and taxiway light angle iron to project more than 3 inches above the surface.

On October 20, 2020, the airport consultant provided photo evidence of the corrective actions taken. After a review of these photos, it has been determined that the grade has been brought up in the RSA, correcting the safety deficiencies and arresting any erosion. The Floralia Municipal Airport now meets the requirements for an Airport Operating License. The License is issued and is in full effect. A license will be mailed to you within a few weeks.

If you should have any further questions, please do not hesitate to contact Mr. Gus Slaten with the Aeronautics Bureau at (334) 242-6820.

Sincerely,

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

Copy: Rans Black  
FAA/ADO

The Honorable Terry Holley, Mayor  
City of Floralia

Michelle Conway  
Goodwyn, Mills and Cawood, Inc.



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

October 14, 2020

Mr. Ricky Suggs  
Floralia Airport Authority  
P. O. Box 76  
Floralia, Alabama 36442

**Subject: Annual Inspection Report  
Floralia Municipal Airport**

Dear Mr. Suggs:

An inspection of the Floralia Municipal Airport was conducted by personnel of the Alabama Department of Transportation Aeronautics Bureau on September 28, 2020. 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. As noted in the report, the airport does not meet all requirements for the issuance of an operating license. The grade around two lights within the Runway Safety Area has eroded, causing the angle iron to project more than three (3) inches above the surface. Therefore, the operating license is being withheld until all safety deficiencies are corrected. There are also items relating to maintenance of the airport, which should be addressed.

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

Sincerely,

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

Copy: Rans Black  
FAA/ADO

The Honorable Terry Holley, Mayor  
City of Floralia

Michelle Conway  
Goodwyn, Mills and Cawood, Inc.

# ANNUAL INSPECTION REPORT

September 28, 2020



**FLORALA MUNICIPAL AIRPORT (0J4)**  
**FLORALA, ALABAMA**

**Annual Inspection Report  
Floralá Municipal Airport  
Floralá, Alabama**

September 28, 2020

**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 / DEPARTURE PATHS.....</b>	<b>PAGE 2</b>
<b>PRIMARY SURFACE.....</b>	<b>PAGE 4</b>
<b>RUNWAY SAFETY AREA.....</b>	<b>PAGE 4</b>
<b>AIRPORT MARKINGS.....</b>	<b>PAGE 7</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 10</b>
<b>FUELING AREA REQUIREMENTS.....</b>	<b>PAGE 14</b>
<b>PROHIBITED ACTIVITIES.....</b>	<b>PAGE 15</b>
<b>SUMMARY.....</b>	<b>PAGE 16</b>
<b>APPENDIX 1.....</b>	<b>PAGE 17</b>

# Annual Inspection Report Floralá Municipal Airport Floralá, Alabama

September 28, 2020

## **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 Floralá Municipal Airport was conducted by Mr. Gus Slaten of the Alabama Department of Transportation Aeronautics Bureau on September 28, 2020.

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) dated May 13, 2014.

# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

## **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 September 28, 2020, it was determined that the airport **does not meet** 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 is centered along the extended runway centerline and extends for 1000 feet.
- 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 4: No obstructions (See Photo #1)
- Runway 22: No obstructions (See Photo #2)



# **Annual Inspection Report Floral Municipal Airport Floral, Alabama**

September 28, 2020

**Photo # 1 –Runway 4**



**Photo # 2 – Runway 22**



# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

## 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:

- While the primary surface meets state requirements.

## 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: **VIOLATION**

- The grade around two light fixtures (one taxiway light adjacent to the runway and a threshold light at end of Runway 04) has eroded causing the angle iron to be exposed more than three (3) inches above the surface (See Photos #3 and #4).
- There are signs of erosion at the approach end of Runway 04 that will lead to violations in the future if not corrected (See Photo #5).



# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

## **Maintenance Required:**

- Bring grade up around lights so that any non-frangible components do not project more than three (3) inches above the surface.
- Arrest erosion.

**Photo # 3 – Taxiway Light in RSA**





# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

**Photo # 4 – Runway 04 Threshold Light**



**Photo # 5 – Erosion in Runway Safety Area**





# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

## 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

- Ramp and taxiway markings are in **FAIR** to **POOR** condition (See Photos #6 and #7).
- Runway markings are in **GOOD** condition (See Photo #8)

### Maintenance Required:

- Clean taxiway and ramp markings that are in poor condition. If unable to clean, remark in accordance of FAA AC 150/5340-1M.

**Photo # 6 – Ramp Markings**



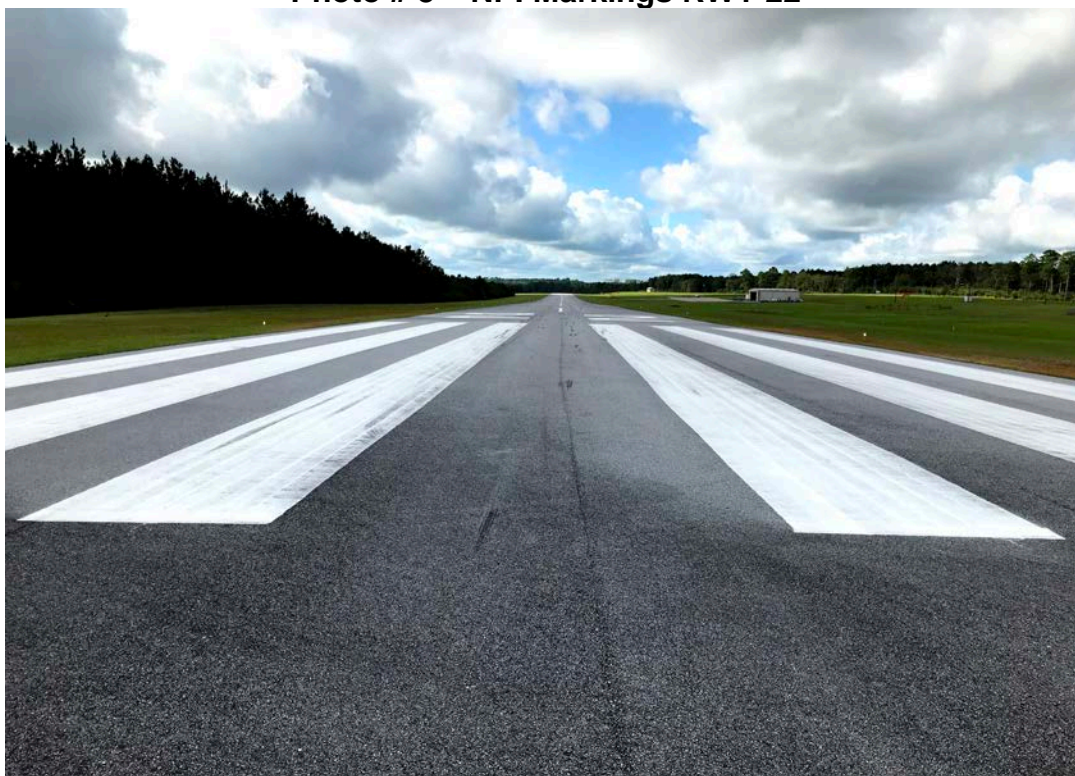
# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

**Photo # 7 – Ramp Markings**



**Photo # 8 – NPI Markings RWY 22**





# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

## 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 is in **GOOD** condition; however, the segmented circle is not being maintained (See Photo # 9).

Photo # 9 – Wind Cone





# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

## **Maintenance Required:**

- Remove vegetation and paint segmented circle white. The segmented circle should be maintained to be clearly visible from the air.

## **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:**

- Runway 4/22 lights: 3 inoperative.
- Runway 4 threshold lights: 1 inoperative
- Taxiway lights: 3 inoperative

### **Maintenance Required:**

- Repair/replace inoperative lights.

## **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.

# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

## **Inspection Results:**

- The runway surface is in **GOOD** condition (See Photo #8).
- The apron surfaces are in mostly **FAIR** condition, with some areas in **POOR** condition. Apron surfaces are experiencing micro-surface cracking, raveling, polishing, slippage, and extensive helicopter skid damage (See Photos #10, #11, 12).
- Concrete hot-refueling ramp is in **POOR** condition with area of **FAILURE**. Surface contains multiple slab cracks, spalling, and shattered slabs (See Photos #13, #14, and #15).
- Even with the pavement deficiencies, there was very little foreign object debris (FOD) discovered.

## **Required Maintenance:**

- Airport should plan a pavement rehabilitation project for the aprons and maintain airport pavement surfaces.
- It should be noted that the airport does an effective job keeping the airport surfaces clean and clear of FOD.

**Photo # 10—Apron Micro-Surface Cracking**





# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

**Photo # 11 – Apron Slippage and Raveling**



**Photo # 12 – Severe Skid Damage (Failure) on Apron**





# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

**Photo # 13 – Concrete Hot-Refueling Ramp**



**Photo # 14 – Concrete Spalling**





# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

Photo # 15 – Severe Spalling and D-Cracking at Joint



## 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:

- The fueling area ***meets*** the requirements established by the Alabama Department of Transportation. However, the State of Alabama Department of Agriculture and Industries may have additional



# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

requirements for fueling systems that were not considered during this inspection (Government contract refueling of military aircraft only).

## 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. However, there were some items being stored on the maintenance ramp (See Photo # 16).

### Required Maintenance:

- Aircraft parking areas should be used for aircraft parking only.

**Photo # 16 – Maintenance Ramp**



# Annual Inspection Report Floral Municipal Airport Floral, Alabama

September 28, 2020

## **Summary:**

The table below summarizes items noted in this report.

### INSPECTION SUMMARY

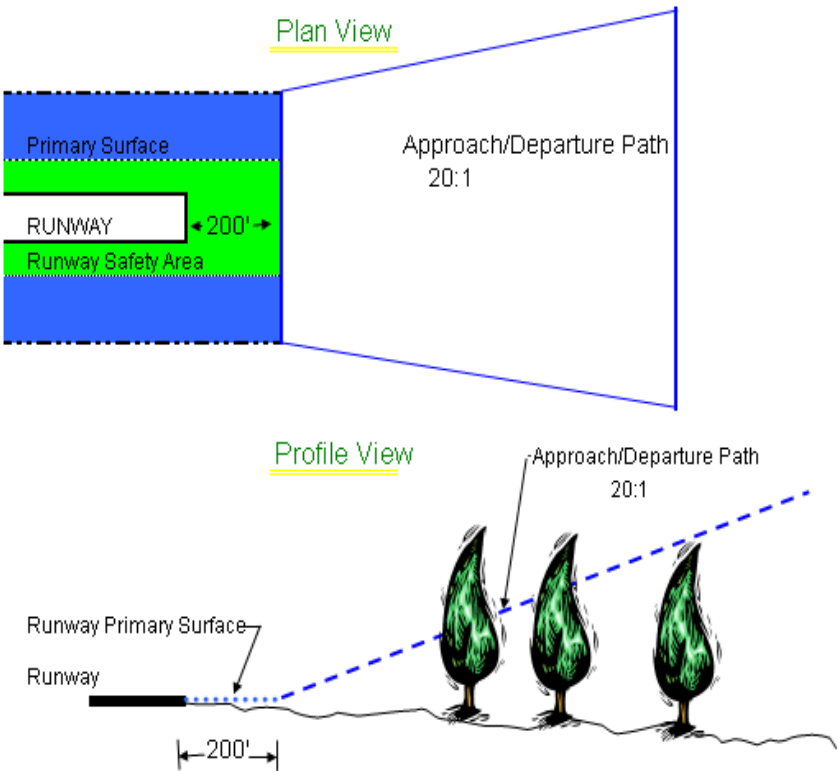
Inspection Area	Violation/Maintenance	Corrective Action
Runway Safety Area	<b>VIOLATION</b>	Bring grade up around light fixture bases so that the angle iron does not project more than 3 inches above the surface. Arrest erosion.
Airport Markings	Maintenance	Clean apron markings. If unable to clean, remark in accordance of FAA AC 150/5340-1M.
Wind Direction Indicator	Maintenance	Remove vegetation from segmented circle and paint white.
Airport Lighting	Maintenance	Repair/replace inoperative lights.
Airport Surfaces	Maintenance	Consult with airport engineer to plan a pavement rehabilitation project for the apron and hot-refueling ramp.
Prohibited Activity	Maintenance	Use ramp for aircraft parking only.

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

Annual Inspection Report  
Floralá Municipal Airport  
Floralá, Alabama

September 28, 2020

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