



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

May 28, 2021

The Honorable James R. Steele, Sr.
Mayor, City of Stevenson
104 Kentucky Avenue
Stevenson, Alabama 35772

**Subject: Annual Inspection Report
Stevenson Airport**

Dear Mayor Steele:

An inspection of the Stevenson Airport was conducted by personnel of the Alabama Department of Transportation Aeronautics Bureau on May 20, 2021. 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** the requirements for a Day/VFR license. The airport must remain closed to night operations until the runway lighting has been repaired and the facility meets all licensing requirements.

The City of Stevenson has been notified of nonstandard markings since they were placed in 2007 and the runway markings have been rated as poor since 2010. An Operating License has not been issued for the airport since February of 2017. Therefore, we are requesting a Corrective Action Plan (CAP) be submitted to this office **no later than 30 days** after receipt of this report. The CAP should include details on how the City of Stevenson plans to address the nonstandard runway markings and a timeline for correcting this deficiency. The plan should also address the maintenance items noted in the attached report.

The City of Stevenson has 360 days from receipt of the inspection report to correct all safety violations. Please be reminded that the Code of Alabama 23-1-375 prohibits the operation of an airport for which a license has not been issued. When corrective actions have been taken you may contact the Aeronautics Bureau 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,

Frank Farmer
Chief, Aeronautics Bureau

Copy: Sandy Evans, City Clerk; City of Stevenson

May 20, 2021



DEPARTMENT OF TRANSPORTATION

ANNUAL INSPECTION REPORT



STEVENSON AIRPORT
STEVENSON, ALABAMA

**Annual Inspection Report
Stevenson Airport
Stevenson, Alabama**

May 20, 2021

TABLE OF CONTENTS

INTRODUCTION.....	PAGE 1
INSPECTION METHODOLOGY.....	PAGE 1
LICENSE STATUS.....	PAGE 2
APPROACH / DEPARTURE PATHS.....	PAGE 2
PRIMARY SURFACE.....	PAGE 4
RUNWAY SAFETY AREA.....	PAGE 4
AIRPORT MARKINGS.....	PAGE 5
WIND DIRECTION INDICATOR.....	PAGE 7
AIRPORT LIGHTING.....	PAGE 8
RUNWAY, TAXIWAY, AND APRON CONDITIONS.....	PAGE 8
FUELING AREA REQUIREMENTS.....	PAGE 9
PROHIBITED ACTIVITIES.....	PAGE 10
SUMMARY.....	PAGE 11
APPENDIX 1.....	PAGE 12

Annual Inspection Report Stevenson Airport Stevenson, Alabama

May 20, 2021

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 Stevenson Airport was conducted by Mr. Jeb Baird and Mr. Gus Slaten of the Alabama Department of Transportation Aeronautics Bureau on May 20, 2021.

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 use of approved engineering methods and equipment. The angles, locations and heights of trees or other objects within these areas were derived by 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 August 21, 2000.

Annual Inspection Report Stevenson Airport Stevenson, Alabama

May 20, 2021

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 May 20, 2021, 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 05 is displaced 852 feet to clear lines of trees along both sides of the Approach/Departure Path (See Photo #1).
- Runway 23 is displaced 873 feet to clear trees and a power pole in the Approach/Departure Path (See Photo #2).
- Displacements are not listed on the airport FAA Form 5010.

Maintenance Required:

- File an FAA Form 7480-1 to establish displaced runway thresholds.

Annual Inspection Report Stevenson Airport Stevenson, Alabama

May 20, 2021

Photo # 1 – Runway 05 Approach



Photo # 2 – Runway 23 Approach



Annual Inspection Report Stevenson Airport Stevenson, Alabama

May 20, 2021

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.

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:

- Tires that were previously used to protect runway lighting should be removed if lights have been broken or removed (See Photo #3).

Maintenance required:

- Remove tires.

Annual Inspection Report Stevenson Airport Stevenson, Alabama

May 20, 2021

Photo # 3—Tire in RSA



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: **VIOLATION**

- The airport markings are in **POOR** condition (See Photo #4).
- Markings are considered non-standard
 - There are no arrows leading to the displacement (See Photo #5).
 - The runway identifiers are incorrectly placed at the beginning of the runway, not the displacement as required (See Photo #4 and #5).

Annual Inspection Report Stevenson Airport Stevenson, Alabama

May 20, 2021

- Prior runway closure markings are beginning to reappear (See Photo #4 and #5).

Photo #4 - Runway 5 Markings, Aerial View

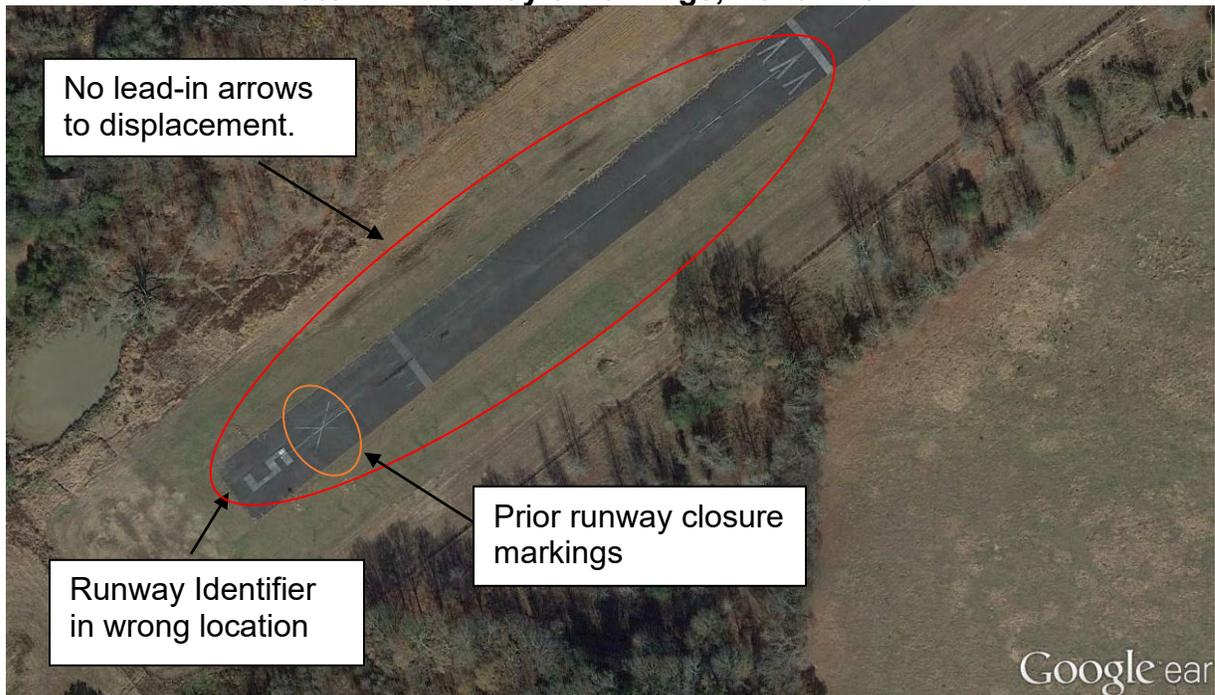


Photo #5 - Runway 23 Markings, Aerial View



Annual Inspection Report Stevenson Airport Stevenson, Alabama

May 20, 2021

Required Action:

- Plan a runway marking project in accordance with FAA AC 150/5340-1M.
- When remarking, a reduction of the Runway 23 displaced threshold can be considered due to removal of prior obstructions. **All remarking plans should be coordinated with the ALDOT Aeronautics Bureau.**

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 **FAIR** condition due to fading (See Photo #6).

Photo #6 – Wind Direction Indicator



Annual Inspection Report Stevenson Airport Stevenson, Alabama

May 20, 2021

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 airport is closed to night operations.
- No operational lighting is present.

Maintenance Required:

- To reopen the airport for night operations the airport lighting system must be completely repaired. All plans for the lighting reconstruction must be coordinated with the Aeronautics Bureau.
- The lighting system must meet the requirements of FAA AC150/5340-30F.

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 overall surface of the runway is in **FAIR** condition. Joint cracking is extensive throughout runway surface. Excessive vegetation is growing in the cracking (See Photo #7).

Annual Inspection Report Stevenson Airport Stevenson, Alabama

May 20, 2021

Photo #7– Cracking with vegetation



Maintenance Required:

- Eradicate the vegetation, clean and seal the cracks.
- It is recommended that action be taken to ensure pavement safety standards meet the requirements of the Aeronautics Bureau. Pavement failure will result in the immediate closure of the airfield by personnel of the Alabama Department of Transportation Aeronautics Bureau.

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.

Annual Inspection Report Stevenson Airport Stevenson, Alabama

May 20, 2021

Inspection Results:

- The fueling system is currently inoperative and no fuel is available at the airport.

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.

Annual Inspection Report Stevenson Airport Stevenson, Alabama

May 20, 2021

Summary:

The table below summarizes items noted in this report.

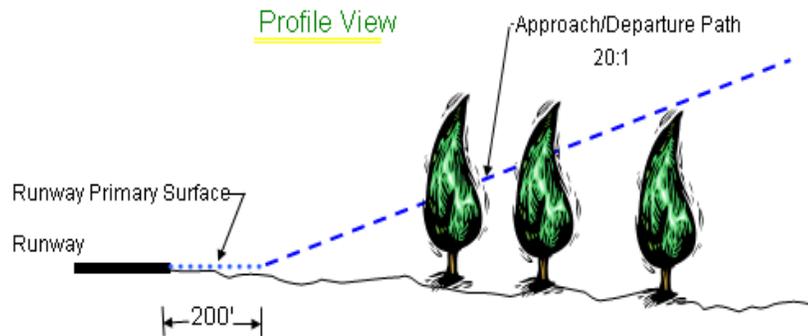
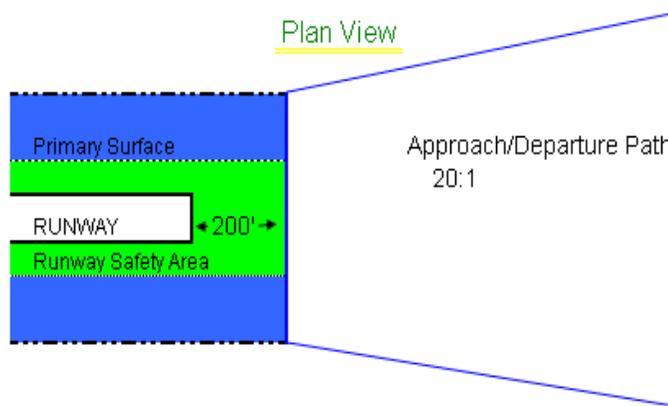
INSPECTION SUMMARY

Inspection Area	Violation/Maintenance	Corrective Action
Approach/Departure Path	Maintenance	List runway displacements on FAA Form 5010.
Runway Safety Area	Maintenance	Remove tires.
Airport Markings	VIOLATION	Plan a runway marking project in accordance with FAA AC 150/5340-1M.
Airport Lighting	Maintenance	Repair lighting system in accordance with FAA AC 150/5340-30F.
Runway Surface	Maintenance	Eradicate the vegetation, clean and seal the cracks.

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 Stevenson Airport Stevenson, Alabama

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