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March 16, 2009

The Honorable John E. Koniar
Mayor, City of Foley
P.O. Drawer 1750
Foley, Alabama 36536

Subject: Annual Inspection Report
Foley Municipal Airport

Dear Mayor Koniar:

An inspection of the Foley Municipal Airport was conducted by personnel of the Alabama Department of Transportation Aeronautics Bureau on March 12, 2009. 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 Foley Municipal Airport. As noted in the report, the airport meets the requirements for the issuance of an operating license. However, there are maintenance issues that should be addressed.

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. Michael Helmsing, P.E., Volkert & Associates, Inc.

ANNUAL INSPECTION REPORT

MARCH 12, 2009

AERONAUTICS BUREAU

DEPARTMENT OF TRANSPORTATION

FOLEY MUNICIPAL AIRPORT
FOLEY, ALABAMA

ANNUAL INSPECTION REPORT
FOLEY MUNICIPAL AIRPORT
FOLEY, ALABAMA

March 12, 2009

TABLE OF CONTENTS

INTRODUCTION..... PAGE 1

INSPECTION METHODOLOGY..... PAGE 1

LICENSE STATUS..... PAGE 2

APPROACH / DEPARTURE PATHS..... PAGE 2

PRIMARY SURFACE..... PAGE 3

RUNWAY SAFETY AREA..... PAGE 3

AIRPORT MARKINGS..... PAGE 4

WIND DIRECTION INDICATOR..... PAGE 5

AIRPORT LIGHTING..... PAGE 6

RUNWAY, TAXIWAY AND APRON CONDITIONS..... PAGE 7

FUELING AREA REQUIREMENTS..... PAGE 8

PROHIBITED ACTIVITIES..... PAGE 8

SUMMARY..... PAGE 9

APPENDIX 1..... PAGE 10

Annual Inspection Report
Foley Municipal Airport
Foley, Alabama

March 12, 2009

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 Foley Municipal Airport was conducted by Mr. Robert K. Heartsill of the Alabama Department of Transportation Aeronautics Bureau on March 12, 2009.

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 September 25, 1996.

The current ALP is in need of an update. Ideally, the ALP should be updated every five years. The airport consultant should be contacted and an agreement reached to produce this update in the next fiscal year.

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 March 12, 2009, 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 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 18 – No obstructions
- Runway 36 – No obstructions

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 was inspected and found to meet 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:

- The grade of the runway safety area was found to be in compliance with the state's licensing standards

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:

Maintenance Required

- The runway markings are in POOR condition.

PHOTO 1 – Runway markings

Runway 36 – Runway identifier markings in POOR condition

PHOTO 2

Runway 18 – Runway identifier markings in POOR condition

Required Action

- Remark runway in accordance with FAA Advisory Circular 150/5340-1J.

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 (windsock) is operational.

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 lighting system was inspected and found to be operational.

Maintenance Required

Taxiway:
- Eighteen taxiway lights are out.
- Two taxiway light fixtures are broken.
- One taxiway light fixture is missing.

Runway:
- Two threshold lights are out of service on Runway 18. One of the threshold fixture's globes is broken.

PHOTO 3

Broken taxiway fixture

PHOTO 4

Broken threshold fixture globe on Runway 18

Required Action

- Repair taxiway lighting system to 100% operational.
- Replace threshold light bulbs and one globe on Runway 18

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 airport pavement surfaces were inspected and found to be in good condition.

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 requirements for fueling systems that were not considered during this inspection.

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

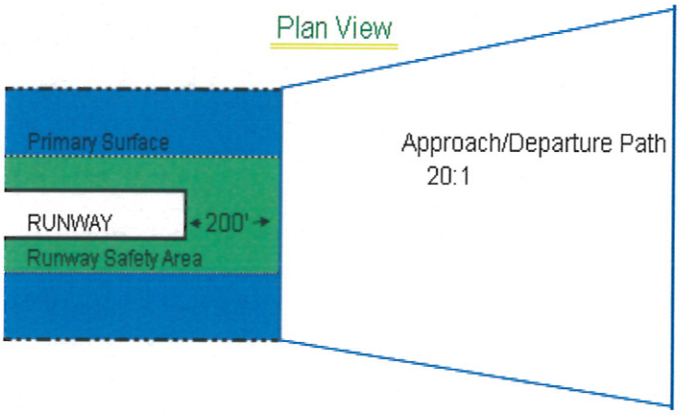
The table below summarizes items noted in this report.

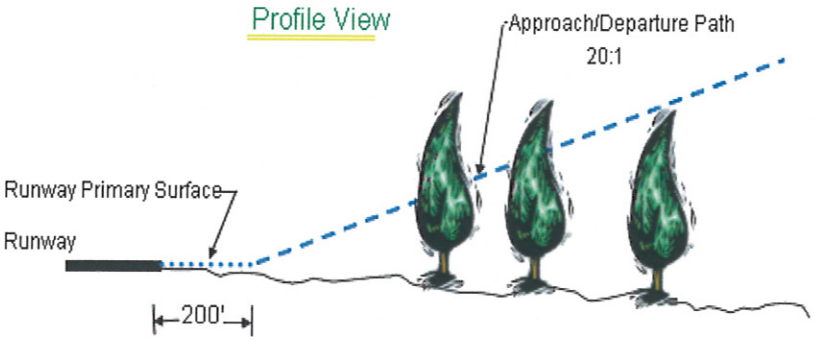
INSPECTION SUMMARY

Inspection Area	Violation/Maintenance	Corrective Action
Airport Layout Plan	N/A	Update
Airport Markings	Maintenance	Remark in accordance with FAA AC 150/5340-1J
Airport Lighting	Maintenance	Repair/Replace inoperative lights

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

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