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Memo

To: Mark Wilson
City of Ewart
200 South Main Street
Ewart, MI 49631

Date: April 24, 2019

Re: Ewart Municipal Airport –
Fuel, Hangar, and Instrument Approach Updates

File: H18.MKT.CRM

Per our conversation, there is the interest for potential privately funded projects at Ewart Municipal Airport including the following:

- 10 T-Hangar structures
- One (1) FBO building, approximately 100' x 100'
- Fuel facility
- Instrument approach system

Initially, I have reviewed the 2015 Airport Layout Plan (ALP) Update including the drawing set and the ALP Report. See the attached project excerpts from the ALP documents, including the future layout plan. The future layout plan has proposed locations for the T-hangars and fuel facility. There are two additional box hangars on the plan sheet, where the FBO hangar could be located instead. The projected estimated costs are as follows:

Project	Probable Cost
Construction of Fuel Facility	\$260,000
Construction of 10-Unit T-Hangar Structure	\$708,000
Instrument Approach Survey	\$50,000

There is not federal funding available for these projects due to the NPIAS Asset 2 Report classification as an unclassified airport. If the hangars are built and 10 based aircraft are documented to stay at Ewart Municipal Airport for the majority of the year, the Airport may be classified as a basic airport and available to receive federal entitlement funding at that time.



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In order to have an instrument approach, an approach survey is required to justify the approach and identify potential obstructions within the runway approach. According to the AIP handbook, an ILS approach is justified only if it has been determined that an RNAV approach cannot be implemented.

In this memorandum, a cost estimate for the maintenance hangar has not been included. I can provide you additional information on any of the mentioned project items and the ALP Update. If you have any questions or need additional information, please do not hesitate to call.

Sincerely,

C&S ENGINEERS, INC.

A handwritten signature in cursive script that reads 'Sarah Underwood'.

Sarah Underwood
Engineer

cc: Project file