



Date: Wednesday, December 18, 2019

From: Gaurav Sharma, Airport Manager

Subject: Airport Tailgate Spreader

Report: OPS2019-116

Recommendation

That the Council of the Township of Georgian Bluffs receives report OPS2019-116 from the Airport Manager and further directs staff to purchase a Tailgate Spreader in order to ensure safe airport operations at an estimated cost of \$3939.99 plus HST to be funded from reserves.

Background

As part of Wiarton Airport's winter maintenance operations, ice control agents like urea and sand are applied to airside and landside pavements of the airport. Urea is the only runway ice control chemical used at Wiarton Airport for airside applications. The use of ice control chemicals is an essential activity in maintaining safe winter operations. The airport is currently having issues with its Sander/Spreader equipment and would like to replace it with a Tailgate Spreader.

Analysis

Snow removal and ice control operations are the major functions conducted at Wiarton Airport during the winter season. Our goal is to effectively clear snow and ice from aircraft, vehicle and pedestrian movement areas to provide safe, serviceable operation by airport users.

Ice control refers to all actions taken to reduce and/or eliminate the potentially hazardous effects of ice contamination on movement surfaces. Fixed-wing Air Ambulance and Medevac flights prefer to land on runways that are free of ice contamination.

The airport currently uses a 1987 Highway Equipment P-7 Mounted Sander/Spreader for sand and urea applications. The equipment has reached the end of its life cycle and it is no longer functioning as intended.

The sander/spreader was initially planned to be replaced in the year 2020 but since the equipment is having frequent breakdowns, it is recommended to replace it with a Tailgate spreader earlier than its scheduled replacement to maintain the appropriate level of service at the airport.

Financial Impact

As the emergency purchase of the Tailgate Spreader was not included in the 2019 budget, any work completed would be an overage to the 2019 operation budget. The cost to purchase the equipment could be funded from the Airport reserves.

Strategic Priorities

5. Deliver Effective and Cost-Efficient Services

The Township will strive to be a leader in municipal and customer service excellence. We will continue to offer remarkable service to those we serve. We will promote operational excellence by focusing on fiscal responsibility. The corporation will be fiscally prudent and we will invest in our staff to attract the best employees.

5.3 Exceed set targets for asset management planning.

(b) Define service levels for Township assets and maintain assets to meet levels of service.

Conclusion

The airport sander/spreader has reached the end of its life cycle and it is recommended to replace it with a tailgate spreader to eliminate the potentially hazardous effects of ice contamination on airport movement surfaces.

Respectfully Submitted:

Reviewed by:

Gaurav Sharma
Airport Manager

Wendi Hunter
Acting CAO/Clerk