



City of San Antonio

Agenda Memorandum

File Number:
{{item.tracking_number}}

Agenda Item Number: {{item.number}}

Agenda Date: September 21, 2023

In Control: Airport Advisory Commission Meeting

DEPARTMENT: Aviation Department

DEPARTMENT HEAD: Jesus H. Saenz Jr.

COUNCIL DISTRICTS IMPACTED: Citywide

SUBJECT:

Update on the Baggage Handling System Project at the San Antonio International Airport

SUMMARY:

The Aviation Department in conjunction with the San Antonio Airline Consortium have undertaken improvements to the Baggage Handling System (BHS). This briefing by Mike Cox who represents the San Antonio Airline Consortium which manages the BHS at the San Antonio International Airport will provide information to the Airport Advisory Commission on the recently completed project for the upper-level controls and the upcoming project on the lower-level controls.

BACKGROUND INFORMATION:

The BHS System is a conveyor system that transports checked luggage from the ticketing counters of terminals through the Transportation Security Administration (TSA) Checked Bag Inspection System to the airplane, and from the airplane to the baggage claim areas for passengers

to collect. The BHS will count and weigh bags, screen the suitcases for security purposes and read encoded airline flight tag information so the luggage reaches the correct airplane. The BHS Controls are made up of two sub-systems, the Upper-Level Controls and Lower-Level Controls, which are responsible for the following functions:

- Upper-Level Controls – Consist of the software, networks, and computer system components that integrate with airline system baggage information, combined with flight schedule data to provide real-time sortation decisions and data collection and reporting for the entire BHS.
- Lower-Level Controls – Consist of the software, networks, and electrical components that directly control the mechanical equipment that sorts and transfers the bags.

In 2011, the airlines at the San Antonio International Airport formed the Consortium as a result of the Airline Operating Agreement and Terminal Building Lease to perform services such as the maintenance and operation of the BHS and the passenger loading bridges. The 2020 Airline Operating Agreement and Terminal Building Lease, approved through Ordinance 2020-09-03-0604, allows the Consortium to perform capital improvements on behalf of the airlines and the City.

In August 2021, City Council approved a funding agreement with the Consortium in the amount of \$2,378,775.00 for the BHS Upper Level Controls project to address critical improvements, while determining the next step for the BHS Lower Level Controls improvements and the expansion of the BHS system. The Consortium completed its work before the date of October 31, 2022, as required by the funding agreement. On May 18, 2023, City Council approved a funding agreement with the Consortium in the amount of \$21,479,035.00 for the Outbound Baggage Handling System Lower Level Controls project, which will modernize the existing aging BHS Lower Level Controls. The Consortium will be responsible for all service and activities required to design, build-out and complete the project by November 30, 2025.

ISSUE:

This briefing will provide an opportunity for the Airport Advisory Commission to provide feedback and comments on the project.

FISCAL IMPACT:

This presentation is for briefing purposes only.

ALTERNATIVES:

This presentation is for briefing purposes only.

RECOMMENDATION:

This presentation is for briefing purposes only.