



November 11, 2020

American Airlines, Inc.  
ATTN: PFC  
4333 Amon Carter Blvd.  
Fort Worth, TX 76155

In accordance with US Department of Transportation, Federal Aviation Administration 14 CFR Part 158 Passenger Facility Charges, the Yuma County Airport Authority as owner and operator of Yuma International Airport has authority to Impose and Use a Passenger Facility Charge (PFC) as specified in 14 CFR Part 158.

Prior to submitting this application to the Federal Aviation Administration (FAA), the Airport Authority is required to provide the following information to all air carriers and foreign air carriers with a significant business interest in the airport:

- The total PFC charges that will be applied for projects in the application is \$1,267,575. A brief summary of each project is provided below.
- In order to provide funding for the projects listed, the Yuma County Airport Authority will impose a four dollar and fifty cent (\$4.50) PFC charge per enplaned passenger. The current PFC charge expiration date is March 1, 2023; the estimated new charge expiration date is March 1, 2031 based upon current enplanement figures of approximately 35,000 passengers per year.

As required in 14 CFR Part 158(a)(3), the Airport Authority has scheduled a consultation meeting to be held at 10:00am Arizona time on December 18, 2020 in the conference room of the Yuma International Airport terminal building at 2191 East 32<sup>nd</sup> Street, Yuma, Arizona 85365 for further review of the projects with the air carriers.

As required in 14 CFR Part 158(b) in preparation for the meeting, the information below contains a summary for each PFC project in this application including:

1. A description of the projects;
2. An explanation of the need for the projects; and
3. A detailed financial plan for the projects, including:
  - i. The estimated allowable project costs allocated to major project elements;
  - ii. The anticipated total amount of PFC revenue that will be used to finance the projects; and
  - iii. The source and amount of other funds, if any, needed to finance the projects.

## Item 2 – Project #1 Replace Passenger Terminal Flooring System

**Project Description:** Demolition, removal, and replacement of 11,172 square feet of existing flooring systems spanning the public throughways on the ground floor of the Yuma International Airport Passenger Terminal. This project will result in the replacement of worn flooring systems with state-of-the-art terrazzo flooring to enhance aesthetics, reduce maintenance costs and increase safety by removing existing transitions between system types.

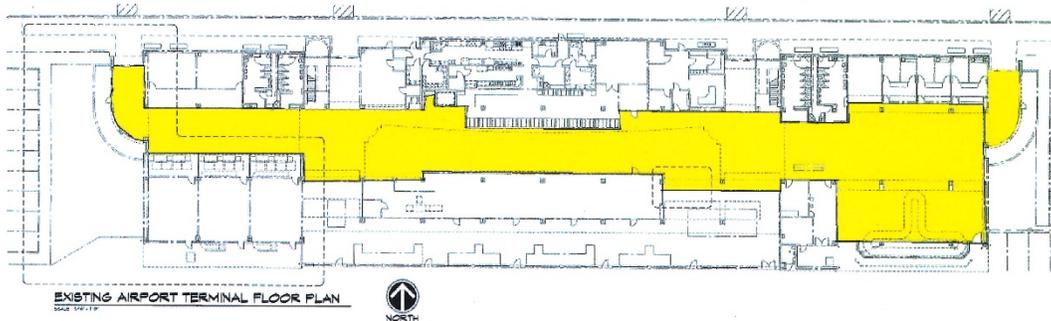


Figure 1  
Flooring to be improved as part of the project

The aesthetic nature of the completed flooring system represents colors signifying the United States Armed Forces and flowing shapes intended to reflect the transition of the flying public throughout the terminal. Diagram #2 below represents the appearance of the completed floors.

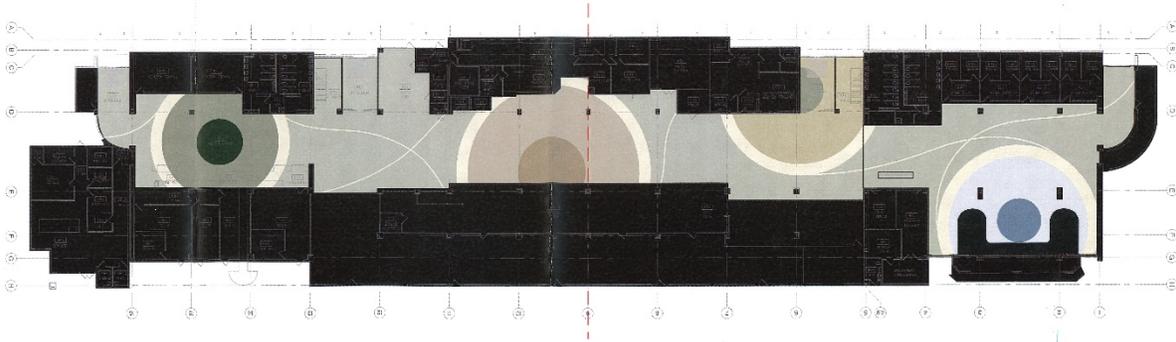


Figure 2  
Flooring to be improved as part of the project

Terrazzo is one of the most durable flooring materials available today. Terrazzo can withstand high traffic areas, which makes it a chosen product in commercial buildings

**Project Purpose:** This project will result in the replacement of worn flooring systems with state-of-the-art terrazzo flooring to enhance aesthetics, reduce maintenance costs and increase safety by removing existing transitions between system types.

**Estimated Project Implementation Date:** This will begin project began on March 1, 2021

**Estimated Project Completion Date:** June 30, 2021

**Estimated Total Cost:** \$600,000

**Funding:** PFC Funds \$ 600,000

## Item 2 – Project #2 Rehabilitation of Existing GA Aprons at Yuma International Airport

**Project Description:** Rehabilitation of existing GA Aprons at the Yuma International Airport shown in Figure 1 below consisting of approximately 48,700 square yards of existing aircraft parking area by repairing and/or replacing the deteriorated asphalt and concrete sections. This includes managing storm water, supporting environmental requirements, performing required geotechnical or topographical surveys, associated security fencing, drainage, and emergency vehicle access roads. The work includes cleaning, crack sealing and seal coating existing pavement where appropriate, and replacing deteriorated asphalt and any concrete sections with new asphalt or concrete where necessary, in accordance with AC 150/5320-6F, "Airport Pavement Design and Evaluation".



Figure 1 – GA Aprons

The design of this project began on August 27, 2020 and was funded entirely by FAA AIP Grant #3-04-0053-039-2020 in the amount of \$126,862.

The rehabilitation of these GA Aprons is listed in the Yuma International Airport's 2021-2025 ACIP as two different projects with a total estimated cost of \$2,250,000 as follows:

FY	Grant*	Project	Entitlements	Local PFC	State Match	Total
2021	40	Construct Rehab of GA Ramp & Hero Hangars (39,000 SY)	\$ 1,593,550	\$ 78,225	\$ 78,225	\$ 1,750,000
2021	40	Construct Rehab of NW Hangars (9,700 SY)	\$ 455,300	\$ 22,350	\$ 22,350	\$ 500,000
<b>Project Total</b>			<b>\$ 2,048,850</b>	<b>\$ 100,575</b>	<b>\$ 100,575</b>	<b>\$ 2,250,000</b>
<p>* = The indication of "Grant #40" was prior to receiving the CARES Act Grant which was unexpected. Actual expectations are that this project will receive FAA AIP Grant Funding as 3-04-0053-041-2021</p>						

**Project Purpose:** In accordance with FAA AIP Grant Assurance #11, "Pavement Preventive Maintenance" airports are generally required to maintain improvements constructed with FAA AIP Grant funding. Specifically, Assurance #11 states "With respect to a project approved after January 1, 1995, for the replacement or reconstruction of pavement at the airport, it assures or certifies that it has implemented an effective airport pavement maintenance-management program and it assures that it will use such program for the useful life of any pavement constructed, reconstructed or repaired with Federal financial assistance at the airport. It will provide such reports on pavement condition and pavement management programs as the Secretary determines may be useful." This project is intended to comply with this requirement.

**Estimated Project Implementation Date:** February 1, 2021

**Estimated Project Completion Date:** August 1, 2021

**Estimated Total Cost:** \$2,250,000

<b>Funding:</b>	PFC Funds (Grant Match)	\$ 100,575
	AIP Grant (Anticipated)	\$2,048,850
	ADOT Grant (Anticipated)	<u>\$ 100,575</u>
	Total	<u>\$2,250,000</u>

## Item 2 – Project #3 Purchase of Airfield Maintenance Equipment

**Project Description:** The Airport must maintain surfaces free of Foreign Objects/Debris (FOD) in order to ensure the safety of the flying public. In order to accomplish this the airport seeks PFC funding to provide for the replacement of existing antiquated equipment designed to sweep taxiways and aprons frequented by the commercial airlines as well as the flying public.

The airport’s FOD free surface plan utilizes three different types of equipment to achieve its goals of a FOD free environment:

- A. Runway Sweeper
- B. Small Apron/Parking Area Sweeper
- C. Kubota Utility Vehicle to pull mat type “FOD Boss” branded debris collector

More specifically, the airport seeks to collect and expend PFC funds necessary for the purchase of the following pieces of equipment necessary to ensure a safe operating environment:

**Tymco Model 600 Regenerative Air Sweeper.** More commonly referred to as a “runway sweeper” this equipment consists of a Freightliner Diesel Chassis with a 200HP engine that propels and powers a large, hydraulically operated, water injected vacuum surface sweeper with a 7.3 cubic yard hopper fed by a dual chamber pickup head. Estimated Cost \$250,000.



Tymco Model 600 Runway Sweeper

**Advance SW800 Rider Sweeper.** The airport utilizes much smaller equipment when working aprons populated with aircraft. Working these tight areas has to be performed with smaller equipment capable of a tight turning radius and designed to ensure absolutely unobstructed

visibility. The cost of impacting a single aircraft by using the larger runway sweeper in between aircraft is so large, use of a smaller “Rider Sweeper” is necessary.

The Advance SW8000 is a perfect combination of a capable efficient sweeper in a 77-inch sweep path configuration with a 14 cubic foot hopper propelled by a Kubota 35HP diesel engine. Estimated Cost \$60,000.



Advance Model SW8000 Rider Sweeper

**Kubota RTV X900W-H Utility Vehicle.** This multi-purpose vehicle is utilized for a number of operational tasks related to the safety of the airfield surface. The primary role of this diesel powered 4x4 Utility Vehicle would be pulling a “FOD Boss” branded mat type FOD collection system commonly utilized by operations personnel for clean up operations with short notice in addition to assisting operations personnel with identifying and repairing breaches in the airfield fence line subjecting the airfield to the threat of rodent infestation. Estimated Cost \$17,000.



Kubota RTV X900W-H Utility Vehicle

In summary, Project 3 of this PFC requests the funding necessary to purchase the following pieces of airfield equipment:

Equipment Description	Estimated Cost
Tymco Model 600 Regenerative Runway Sweeper	\$ 250,000
Advance SW8000 Rider Sweeper	\$ 60,000
Kubota RTV X900W-H Utility Vehicle	\$ 17,000
<b>Total Estimated Cost - Airfield Maintenance Equipment</b>	<b>\$ 327,000</b>

**Project Purpose:** The Airport must maintain surfaces free of Foreign Objects/Debris (FOD) in order to ensure the safety of the flying public.

**Estimated Project Implementation Date:** The acquisition will begin on March 1, 2021

**Estimated Project Completion Date:** May 1, 2021

**Estimated Total Cost:** \$327,000

**Funding:** PFC Funds \$ 327,000

## **Item 2 – Project #4 Identity Management Security System**

**Project Description:** The Yuma International Airport will purchase and install a state-of-the-art cloud based Identity Management System (IDMS) that will integrate several different systems to accomplish our operational security requirements in a single system. The system to be purchased and installed is referred to as “AirportIQ Secure Credentials” or ASC, provided by a trusted leader in airport security systems GCR Incorporated.

**Project Purpose:** The proposed system will ensure operational regulatory compliance through the consolidation of all identity management information into a one system for managing background checks, biometric data, badging, access control, video surveillance, continuous vetting and auditing.

**Estimated Project Implementation Date:** The acquisition will begin on October 1, 2022

**Estimated Project Completion Date:** December 1, 2022

**Estimated Total Cost:** \$240,000

**Funding:** PFC Funds \$ 240,000

If you have any comments concerning this proposal, please submit them in writing to my office within 30 days of receipt of this notice or please plan to attend the consultation meeting. Should you have any questions regarding the information listed please contact me at 928-726-5882.

YUMA COUNTY AIRPORT AUTHORITY, INC.

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Gladys D. Brown, CM, CAE  
Airport Director

