



Public Notice

June 8, 2022

The Tweed-New Haven Airport Authority (TNHAA), pursuant to Title 14 CFR Part 158.24, is hereby notifying all interested parties of its intention to submit to the Federal Aviation Administration (FAA) a notice of intent to impose a Passenger Facility Charge (PFC), and notice of intent to use PFC revenues for seven (7) projects at Tweed-New Haven Regional Airport, New Haven, Connecticut.

PFC Level to be imposed: \$4.50
Proposed charge effective date: October 1, 2022
Estimated charge expiration date: April 1, 2025
Total estimated PFC revenue to be collected: \$5,971,900

Below is a brief description of the projects, including the purpose of the project, and the amount of PFC revenue to be used on the project.

Safety Enhancement Projects

Project Title: Obstruction Removal – Phases 1-3 (**Impose and use authority**)

Description: This project is a multi-year program involving obstruction removal. As a recipient of federal funding under the Airport Improvement Program (AIP), the Tweed-New Haven Airport Authority (TNHAA) is obligated to comply with AIP Grant Assurances. One of the AIP Grant Assurances states that an airport sponsor will take appropriate action to ensure that the terminal airspace required to protect instrument and visual operations at the airport are adequately cleared and protected by removing, lowering, relocating, marking, lighting or otherwise mitigating or preventing airport hazards. To that end, the TNHAA commissioned an aeronautical survey as part of a recently completed Master Plan Update (MPU) for Tweed-New Haven Regional Airport. The aeronautical survey identified both on-airport and off-airport obstructions which need to be removed or lowered to protect runway approach/departure surfaces and improve aircraft takeoff performance. Obstruction removal will include removal and/or trimming of trees and vegetation, and restoration of disturbed areas. In addition the project may include the lowering of utility poles identified as obstructions and the routing of utilities underground. The project will be completed using 100 percent PFC funds. The Tweed-New Haven Airport Authority will use pay-as-you-go funding to complete the project.

Project Costs:

<u>Total Cost</u>	<u>Federal Share</u>	<u>State Share</u>	<u>Local (PFC) Share</u>
\$750,000	\$ -0-	\$ -0-	\$750,000



Project Title: ARFF Station One-Bay Expansion (**Impose and use authority**)

Description: This project involves the expansion of the existing Aircraft Rescue and Fire Fighting (ARFF) Building to accommodate an additional ARFF vehicle. A new ARFF vehicle has been purchased under an FY 2021 AIP grant with delivery expected later this year. Title 14 CFR Part 139 requires that airports located in geographical areas subject to prolonged temperatures below 32 degrees Fahrenheit provide cover for vehicles or other means to ensure equipment will operate under freezing conditions. The Tweed-New Haven Regional Airport dedicated ARFF facility has only a single vehicle bay which can accommodate only one ARFF vehicle. To provide for the new ARFF vehicle, the existing ARFF building will be expanded by approximately 1,000 square feet by adding another vehicle bay. The vehicle bay would measure roughly 20’ wide by 50’ in length and be of sufficient size to accommodate an Index B ARFF vehicle. The new vehicle bay would have rollup doors on both ends to allow pull through capability for the ARFF vehicle. The bituminous concrete driveway on the airside and landside of the building would be widened to provide ingress/egress to the new vehicle bay. The project will be completed using 100 percent PFC funds. The Tweed-New Haven Airport Authority will obtain external funding to complete the project and use PFC’s to repay these funds including financing costs.

Project Costs:

<u>Total Cost</u>	<u>Federal Share</u>	<u>State Share</u>	<u>Local (PFC) Share</u>
\$2,128,574	\$ -0-	\$ -0-	\$2,128,574

Project Title: Acquisition of Runway Snow Plow and Sweeper (**Impose and use authority**)

Description: The project involves the acquisition of one (1) high-speed runway snow plow with material spreader and one (1) high-speed runway sweeper with air-blast. The new high-speed runway snow plow will be equipped with a 24’ wide plow blade and six cubic yard material spreader. The high-speed runway sweeper to be acquired will have a 22 foot long, 48 inch diameter broom and be equipped with a mid-vehicle blower. The project is anticipated to be completed under an Airport Improvement Program (AIP) grant. The Tweed-New Haven Airport Authority will obtain external funding to complete the project and use PFC funds to reimburse the Authority for the sponsor’s share of project costs including financing costs.

Project Costs:

<u>Total Cost</u>	<u>Federal Share</u>	<u>State Share</u>	<u>Local (PFC) Share</u>
\$1,196,642	\$1,046,112	\$-0-	\$150,530



Project Title: Rehabilitate West Terminal Ramp – Design & Construction (**Impose and use authority**)

Description: The project entails the rehabilitation of approximately 27,778 square yards of aircraft parking apron and adjacent Taxiway D. The area to be rehabilitated is the aircraft parking apron adjacent to the Passenger Terminal Building and a section of the apron edge taxiway used by aircraft for accessing Runway 2-20. The existing bituminous concrete pavement is over 20 years old and exhibits signs of deterioration including cracking and unravelling creating a potential for loose aggregate and foreign object damage to aircraft.

Approximately three inches of the existing bituminous concrete pavement will be milled and replaced with three inches of new bituminous concrete pavement. New pavement markings will be painted on the parking apron and taxiway, including taxiway centerline, aircraft lead-in lines, and aircraft parking positions. The project will be paid for using 100 percent PFC funds. The Tweed-New Haven Airport Authority will obtain external funding to complete the project and use PFC's to repay these funds including financing costs.

Project Costs:

<u>Total Cost</u>	<u>Federal Share</u>	<u>State Share</u>	<u>Local (PFC) Share</u>
\$2,386,856	\$ -0-	\$ -0-	\$2,386,856

Environmental Projects

Project Title: Environmental Assessment – 5 Year Development Plan (**Impose and use authority**)

Description: The project involves the preparation of an Environmental Assessment (EA) in accordance with the National Environmental Policy Act (NEPA) covering the Phase 1 short term projects identified in the recently completed Master Plan Update (MPU) for Tweed-New Haven Regional Airport.

Per 49 USC § 47106(c), any airport project funded with AIP funds requires an environmental finding prior to initial grant programming. Consequently, the TNHAA is conducting an environmental assessment of projects anticipated to be programmed over the next three to five years to ensure the eligibility of the projects for AIP funding.

The projects to be evaluated in the EA include the lengthening of Runway 02-20, including associated airside improvements to taxiways, runway and taxiway edge/centerline lighting, taxiway guidance signage, and navigational aids; and construction of a new Eastside passenger



terminal, including aircraft parking apron, connector taxiway, automobile parking, access roadway and circulation road. The EA will include preliminary design sufficient to evaluate the environmental, social, and economic consequences of the proposed improvements. The preliminary design effort will generally be to a level of detail to establish approximate limits of disturbance for construction of the improvements, including required drainage, and stormwater management measures. The EA will also include an extensive public outreach program throughout the duration of the project. Coordination with state and federal agencies is anticipated due to the airport’s location in an environmentally sensitive area (wetlands and wildlife habitat). Key issues to be addressed include aircraft noise, wetlands impacts, air quality, stormwater runoff, and resiliency. The project is anticipated to be completed under an Airport Improvement Program (AIP) grant, and PFC funds will be used to reimburse the Airport Authority for the sponsor’s share of project costs on a pay-as-you-go basis.

Project Costs:

<u>Total Cost</u>	<u>Federal Share</u>	<u>State Share</u>	<u>Local (PFC) Share</u>
\$1,000,000	\$900,000	\$ -0-	\$100,000

Project Title: Residential Sound Mitigation for Residence within 65-69 DNL – Phase-6
(Impose and use authority)

Description: The project, which is part of a multi-year, multi-phase residential sound insulation program, involves the application of sound attenuation measures to residences located within the 65 Ldn noise contour. Approximately 189 residences are located adjacent to Tweed-New Haven Regional Airport within the 65 Ldn noise mitigation boundary established in the Airport’s approved Title 14 CFR Part 150 Noise Compatibility Program. Phases 1 through 5 have been completed and covered the treatment of 172 residences. Phase 6 will include the treatment of ten (10) additional residences. Pre-construction acoustical testing of the selected homes has been performed to determine eligibility under the FAA sound mitigation regulations and to assist in identifying potential sound attenuating measures. Proposed sound attenuating measures include, but are not limited to, replacement of windows and doors, the addition of sound insulating materials in walls and ceilings, and provisions for mechanical ventilation. Post construction acoustical testing will be performed to determine the effectiveness of the different sound attenuating measures and the level of sound reduction achieved. The project is to be performed under an Airport Improvement Program (AIP) grant. The Tweed-New Haven Airport Authority will obtain external funding to complete the project and use PFC’s to repay these funds including financing costs.

Project Costs:

<u>Total Cost</u>	<u>Federal Share</u>	<u>Ineligible Amount</u>	<u>Local (PFC) Share</u>
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\$1,565,759

\$1,087,018

\$42,801

\$435,940

Administrative Projects

Project Title: PFC Application Administration (**Impose and use authority**)

Description: This project involves the administration of the PFC program for the duration of the impose and use authority approved under the PFC application. Activities include preparation of all PFC application documents, airline and public coordination, collection and remittance of PFC revenues, quarterly reporting, and performance of an annual audit of the PFC accounts. PFC funds will be used to reimburse the Authority for these costs on a pay-as-you-go basis.

Project Costs:

<u>Total Cost</u>	<u>Federal Share</u>	<u>State Share</u>	<u>Local (PFC) Share</u>
\$20,000	\$ -0-	\$ -0-	\$20,000

Comments or questions concerning the PFC application must be sent to Mr. Jeremy Nielson, Airport Manager, Tweed-New Haven Regional Airport, Administration Building, 155 Burr Street, New Haven, Connecticut 06512, on or before July 8, 2019.