



March 21, 2018

Jean Fraser, City Planner
City of Portland
Planning Department
389 Congress Street
Portland, ME, 04101

RE: Maine Medical Center Submissions to the Federal
Aviation Administration for the East Tower and Visitor
Garage Overbuilds

Dear Ms. Fraser,

The purpose of this memo is to provide the information requested for the submissions to the Federal Aviation Administration (FAA) for MMC's East Tower & Visitor Garage overbuild project. There are four submissions to the FAA:

1. Review of height of the East Tower
2. Review of height of the Visitor Garage
3. Review of height of the crane needed for the East Tower overbuild
4. Review of height of the crane needed for the Visitor Garage overbuild

BUILDING SUBMISSIONS

The information submitted to the FAA about the height of the East Tower and Visitor Garage is to receive a determination regarding Obstruction Evaluation / Airport Airspace Analysis (OE/AAA). Structures built within a certain radius of an active runway are required to go through this process (as described below). Given that both the visitor's garage expansion and East Tower expansion do not go above the highest existing built structure on campus, these determinations are expected to be approved.

Requirement as described by the FAA:

In accordance with [14 CFR Part 77.9](#), if you propose any of the following types of construction or alteration, you must file notice with the FAA at least 45 days prior to beginning construction:

- any construction or alteration that exceeds an imaginary surface extending outward and upward at any of the following slopes:
 - 100 to 1 for a horizontal distance of 20,000 ft. from the nearest point of the nearest runway of each airport described in 14 CFR 77.9(d) with its longest runway more than 3,200 ft. in actual length, excluding heliports
 - 50 to 1 for a horizontal distance of 10,000 ft. from the nearest point of the nearest runway of each airport described in 14 CFR 77.9(d) with its longest runway no more than 3,200 ft. in actual length, excluding heliports

- 25 to 1 for a horizontal distance of 5,000 ft. from the nearest point of the nearest landing and takeoff area of each heliport described in 14 CFR 77.9(d);
- OR any highway, railroad, waterway or other traverse way for mobile objects, of a height which, if adjusted upward as defined in 14 CFR 77.9(c) would exceed a standard of 14 CFR 77.9 (a) or (b);
- OR your structure will emit frequencies, and does not meet the conditions of the [FAA Co-location Policy](#);
- OR your proposed structure will be in proximity to a navigation facility and may impact the assurance of navigation signal reception;
- OR any construction or alteration exceeding 200 feet above ground level, regardless of location;
- OR any construction or alteration located on an airport described in 14 CFR 77.9(d);
- OR filing has been requested by the FAA.

Applications for FAA review of both the East Tower and Visitor Garage have been submitted. The FAA has assigned the following Aeronautical Study Numbers:

- East Tower – 2018-ANE-2082-OE
- Visitor Garage – 2018-ANE-1813-OE

REVIEW OF THE CRANES

The information submitted to the FAA about the height of the cranes required to complete the East Tower & Visitor Garage overbuilds is to receive a determination regarding Obstruction Evaluation / Airport Airspace Analysis (OE/AAA). The same standard listed above applies.

Applications for FAA review of both the cranes have been submitted. The FAA has assigned the following Aeronautical Study Numbers:

- 2018-ANE-1649-OE
- 2018-ANE-1922-OE

The determinations for each of the cranes are expected to be approved.

Thank you,



Alexander M. Green
Director of Planning

Cc: Mark Harris, Senior Vice President of Planning, MaineHealth
Dennis Morelli, Manager Facilities Development, Maine Medical Center
Will Conway, Sebago Technics