3. SAFETY ENHANCEMENTS - AIRSPACE TO BE PROTECTED

- The flight procedures are protected by protecting three-dimensional imaginary surfaces, established by the FAA.
- These procedures may be for arrivals, departures or en-route operations, on or near the Airport.
- The goal is to provide a margin of safety by providing a buffer between the flight path and all obstacles.
- All obstructions penetrating the imaginary surface will be identified and addressed.

An example of these three-dimensional surfaces is the surface established by the Federal Aviation Regulation (FAR) Part 77.

Federal Aviation Regulation (FAR) Part 77
- It considers the entire U.S. airspace, not just in the vicinity of the airports.
- Identifies obstructions to navigable airspace.

Other Surfaces
- Runway End Siting Surfaces (AC 150/5300 - 13A): These criteria determine whether or not an object and a runway threshold or departure end would be compatible, based on the object’s height and proximity to the end of the runway, and the type of runway and flight procedures authorized for the runway.
- Terminal Instrument Procedures Surfaces (TERPS 8260.3B): These criteria are designed to provide a margin of safety, known as Required Obstacle Clearance (ROC), between aircraft in flight and permanent objects.

EXECUTIVE SUMMARY

The Westchester County Airport proximity to LaGuardia Airport (located in Queens, New York) influences the routes of arrivals and departures on Runway 16 and Runway 34.

RUNWAY UTILIZATION (2012)

<table>
<thead>
<tr>
<th>Runway</th>
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<tbody>
<tr>
<td>11</td>
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<tr>
<td>29</td>
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<tr>
<td>16</td>
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</tr>
<tr>
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</tbody>
</table>

Source: Airport Noise and Operations Monitoring System (AHWDS)

Legend
- TYPICAL ARRIVAL TRACK
- DISPERSED ARRIVAL TRACKS
- TYPICAL DEPARTURE TRACK
- DISPERSED DEPARTURE TRACKS

The Westchester County Airport proximity to LaGuardia Airport (located in Queens, New York) influences the routes of arrivals and departures on Runway 16 and Runway 34.

Although there are 6 gates available at the Terminal, a maximum of four aircraft may be scheduled to use the Terminal Ramp at any time.

Aircraft exceeding 180,000 lbs are not allowed to operate at HPN.

Cover Page of the Rules and Regulations for Westchester County Airport

Laws of Westchester County
- Sec. 712.462. Westchester County Airport Terminal Use Procedures.
- Sec. 712.421. Provisions with regard to Aircraft.

According to the Laws of Westchester County, the terminal space was designed and is limited to the capacity of 240 passengers per half-hour, without consideration of whether such passengers are enplaning or deplaning.

A maximum of four aircraft may be scheduled to use the Terminal Ramp at any time.

Although there are 6 gates available at the Terminal, a maximum of four aircraft may be scheduled to use the Terminal Ramp at any time.

A 120,000 lbs gross takeoff weight restriction is in place at Westchester County Airport. An operator must call the airport in advance and request permission to land if this restriction (120,000 -180,000 lbs) is to be exceeded. Aircraft exceeding 180,000 lbs are not allowed to operate at HPN.

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FAR PART 77 Surfaces MAY have obstructions
Runway End Siting Surfaces MAY NEVER have obstructions
TERPS Surfaces MAY NEVER have obstructions

RECOMMENDED ACTIONS
- Runway End Siting Surfaces and TERPS Surfaces
  - Reduction of takeoff distance performance
  - Evaluation by FAA
  - Identifications (blocking or lighting obstructions)
  - Deviations
  - Remove obstructions

- PART 77 Surfaces
  - Notify the FAA
  - Changes of flight path angles
  - Changes of instrument minimums
  - Displaced threshold

- OTHER SURFACES
  - FAA
  - Other agencies