

From: <https://www.massport.com/hanscom-field/about-hanscom/airport-activity-monitor/hanscom-rules-regulations/>

L.G. Hanscom Noise Rules (or 1980 Massport Regulations)

In 1980, Massport adopted regulations that address some of the noise issues at Hanscom.

The Hanscom-related regulations adopted in 1980 have five major components:

- A fee applies to aircraft operations between the hours of 11 p.m. and 7 a.m.;
- Air carrier services will not be performed in an aircraft with a seating capacity of greater than sixty seats;
- Touch-and-go operations are not permitted between the hours of 11 p.m. and 7 a.m.;
- Touch-and-go operations are not permitted at any time by aircraft exceeding 12,500 pounds;
- APUs and GPUs can only be used for 30 minutes; and there are additional limitations on APU and GPU use between 11 p.m. and 7 a.m.

Full document, here:

[L.G. Hanscom Field Noise Rules \(or 1980 Massport Regulations\)](https://www.massport.com/media/1551/massportpartf_genrulesandregsforhanscom.pdf)

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Definitions for APU & GPU:

APU:

An Auxiliary Power Unit or APU **allows an aircraft to operate autonomously without reliance on ground support equipment** such as a ground power unit, an external air-conditioning unit or a high pressure air start cart.

GPU:

A **Ground Power Unit** (GPU) can be either a fixed or mobile unit which can be connected to the electrical system of an aircraft while on the ground to provide either 120V AC or 28V DC power. Ground power units usually consist of a generator powered by a diesel engine but may found in other configurations.

Source for definitions: <https://mrccs.co.uk/2016/10/03/the-difference-between-an-apu-and-a-gpu-in-aviation-what-is-better/>

In 1999, Massport adopted a “Fly Friendly” program at Hanscom that encourages pilots to use quiet flying techniques.