

Negishima Space Center

v0.2 for Orbiter 2010 P1



Overview

Negishima Space Center (葱島宇宙センター) is a spaceport located on Negishima, a fictional island in the Pacific Ocean (3.9°N, 139°E). It is far south from the (fictional) country of Hatsunia. The island's name comes from its resemblance to a green onion (*negi*). The *Hatsunia Aerospace Science and Development Agency* (HASDA) and the commercial launch service provider *Hatsunespace* conduct orbital launches from this island.

Earth rotates faster as you get closer to the equator, giving a speed advantage for any rocket launching from a near-equatorial launch site. Such a location also makes it easier to launch into a geostationary Earth orbit.

The island features three launch pads designed for the M-II and M-II Heavy launch vehicles* (about 10 to 30 metric tons into low Earth orbit), one pad for the Negi-5 launch vehicle* (~2 metric tons to LEO), an airport with a 3.39-km runway, a pad for vertical landings, a village for ~2,000 residents + tourists, and a seaport.

*launchers with similar payload capacities can also be used

Installation

- Unzip this .zip file, and copy its contents into the folder where you installed Orbiter. A Delta-glider take-off scenario is included.

Disclaimer

Hatsunia is a fictional, alternate version of Japan based on the virtual singing character "Hatsune Miku." The Hatsunese space program is a more ambitious version of the Japanese Aerospace Exploration Agency (JAXA). The base itself takes inspiration from Loru's Carl Sagan Space Center, Tanegashima Space Center (in Donamy's "H-IIB HTV" add-on), and the Kagoshima launch pad (in BrianJ's add-ons).

Version history

- v0.1 – Initial release
- v0.2 – added trees as well as changes to M-II launch pad and the building behind the Negi-5 launch pad

by Pipcard (2015)

Thanks to Martin Schweiger for creating Orbiter, csanders for creating Base Maker, and the Orbiter community for helping me in creating this.