



Helsinki-Vantaa 1.61

for FS2004

Helsinki-Vantaa (EFHK) 1.61 for FS2004
© 2010 Mikael Kuusela, Jari Varje



Finnish Scenery Designers (FISD)

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R E A D M E

1. INTRODUCTION

Helsinki-Vantaa airport is the largest and busiest international airport in Finland. An excess of 10 million passengers travel through the airport each year. With its three runways, the airport is able to handle over 60 operations per hour which provides a firm basis for future growth. Recently Helsinki-Vantaa has also become a prominent gateway between the Far East and Central Europe thanks to its ideal location under the great circle route between the regions. During the long Finnish winter, state-of-the-art airport equipment and well-trained maintenance personnel ensure that the traffic flows smoothly at this internationally acclaimed airport.

This Finnish Scenery Designers scenery is an accurate recreation of the real Helsinki-Vantaa airport. With the help of aviation professionals working at Helsinki-Vantaa airport, we have striven to provide the flight simulator community with a detailed and realistic scenery while preserving decent frame rates.

Originally released as Helsinki-Vantaa Alpha 0.31 in 2001, the scenery was almost completely remade for version 1.0 in the summer of 2005. Due to numerous changes at the airport, an update was released in 2008 to version 1.5. Version 1.6 update now included the new terminal building in its final form, as well as many objects around the airport that had been missing since the very first release. The ground was also updated to the latest layout. Finally, this version 1.61 corrects a number of issues with the earlier release as well as includes numerous performance improvements.

2. INSTALLATION

Before installing this scenery, you must have the following FISD sceneries installed: **FinnClass 2.2** or higher, **FinnTerrain 1.8** or higher, **FISD Library 1.5** or higher and **Vantaa Photoscenery 1.0** or higher. Also highly recommended are other photosceneries for the Helsinki area. You can download these sceneries at our website at <http://fisd.fsnordic.net>.

1. Extract this Zip archive to the **Addon Scenery** subfolder of your Flight Simulator directory, ensuring that you have **Use Folder Names** or similar option checked.
2. If you are using FinnAFCADs, move **AF2_EFHK.bgl** file from EFHK\scenery folder to the Finn_AFCADS\Scenery folder and overwrite when asked.
3. Start your Flight Simulator 2004.
4. In the Main Menu click **Settings, Scenery Library, Add Area**, navigate to Addon Scenery\EFHK directory and click OK and once again OK to close the Scenery Library.
5. Restart your Flight Simulator and you are ready to go!

We recommend using the following Flight Simulator display properties when using this scenery: **Scenery Complexity** Normal or higher, **MIP Mapping Quality** 4 and **Global Max Texture Size** High or Massive.

3. AIRPORT LIGHTING

The lighting of this airport is designed to be as accurate as possible. During the dusk, dawn and night taxiway and runway lights and approach lights are lit. During day time in low visibility, the runway and approach lights can be activated by tuning the following frequencies to the NAV1 radio:

Runway 04L: 111.90 (ILS 04L)
Runway 04R: 111.50 (ILS 04R)
Runway 22L: 110.30 (ILS 22L)
Runway 22R: 110.70 (ILS 22R)
Runway 15: 109.10 (ILS 15)

4. DOCKING GUIDANCE SYSTEM

A functional docking guidance system is available on gates 12-38 and 141-143. The system only indicates fixed aircraft types (A320 for 12-30 and A340 for 31-38 and 141-143), but the system is generally accurate for any aircraft of similar size.

5. KNOWN PROBLEMS

The visual range of the airport lights of this scenery is limited. This is a limitation of the scenery engine of the Flight Simulator.

The ground textures may disappear around your aircraft in cockpit view after landing at Helsinki-Vantaa airport. This problem can be solved by restarting your Flight Simulator.

6. CREDITS

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7. CONTACT

We would like to hear comments and feedback about this scenery. All suggestions for improvements are welcome. You can contact us via our website at <http://fisd.fsnordic.net>. You can also contact the authors through FS Nordic's discussion forums.

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