

# ESSB Stockholm-Bromma and Stockholm City

## Photo real scenery

©2002 SwedFlight and Swedish National Land Survey

### Estimated scenery release: December 2002

This scenery is based on recent aerial ortophotos and gives you a 4 meter/pixel resolution. This gives an optimal FS scenery. You can even see tiny details like small boats, parked cars.

Since the scenery is very large – totals some 450 bitmaps including winter, summer and night – it will require a fairly fast computer with a newer graphics card to get acceptable framerate.

The scenery covers all of the downtown Stockholm which is an approximately 8 x 6 nautical miles large area mainly in the ESSB runway 30 approach sector.

There are some photo textured 3D objects within the scenery that supports the navigation if you are oriented in Stockholm or have a city map:

- Stockholm City Hall. 106 meters high. Home of the Nobel Prize celebrations.
- Kaknäs TV tower. 160 meters high.
- The two “Free Fall” rides at Grona Lund Amusement Park. One is 80 meters.
- The twin Nacka Radio and TV masts. Each is 360 meters high.
- Stockholm Globe Arena.
- Folksam Insurance Company Building. 60 meters high
- The Internal Revenue Building nickname ”Skatteskrapan” in Swedish. 65 meters high.
- The two newspapers DN and Svenska Dagbladet office buildings
- The five City Centre “high-rise” buildings. (Hötorgscity)

Also close to ESSB runway 30 are:

- SAS engine maintenance facility “Lintaverken”
- Carlsberg (Pripps) brewery.

Due to framerate reasons we have not included other and maybe more well-known buildings. The scope was limited to only render the significant ones that are visible in the runway 30 approach.

Since Stockholm, Swedens 750 year old Swedish 1 million capital, is mainly situated on distinct islands in the waters between Lake Malaren and the Baltic Sea it is very easy to navigate around this truly beautiful city.

Also it is a short 10 minutes flight to the ESSA Stockholm-Arlanda airport which was released in our first payware scenery pack in May 2002.

The two airports ESSB Bromma and ESSA Arlanda together will give you outstandingly beautiful short VFR flight experiences.

Due to limitations in FS2002 the City area is grossly misrepresented and the adjacent areas are very crude and often also with wrong proportions. We have tried to adjust the connections wherever possible but for natural reasons we do not want to adjust within the photo area itself so some discrepancies may be found at the border areas.

Of course the airport itself has been constructed to reflect all significant buildings. Taxiways and aprons are fully signed and all navigation equipment are in accordance with what is to be found in real world.

The scenery is fully nightlighted and has all seasonal variations. It is optimized for best framerates by our own efficient in-house method.

The photo area is extremely exact in size and shape – the mapping was made by the Swedish National Land Survey.

## Screenshot section

Equipment used when the screenshots were taken:

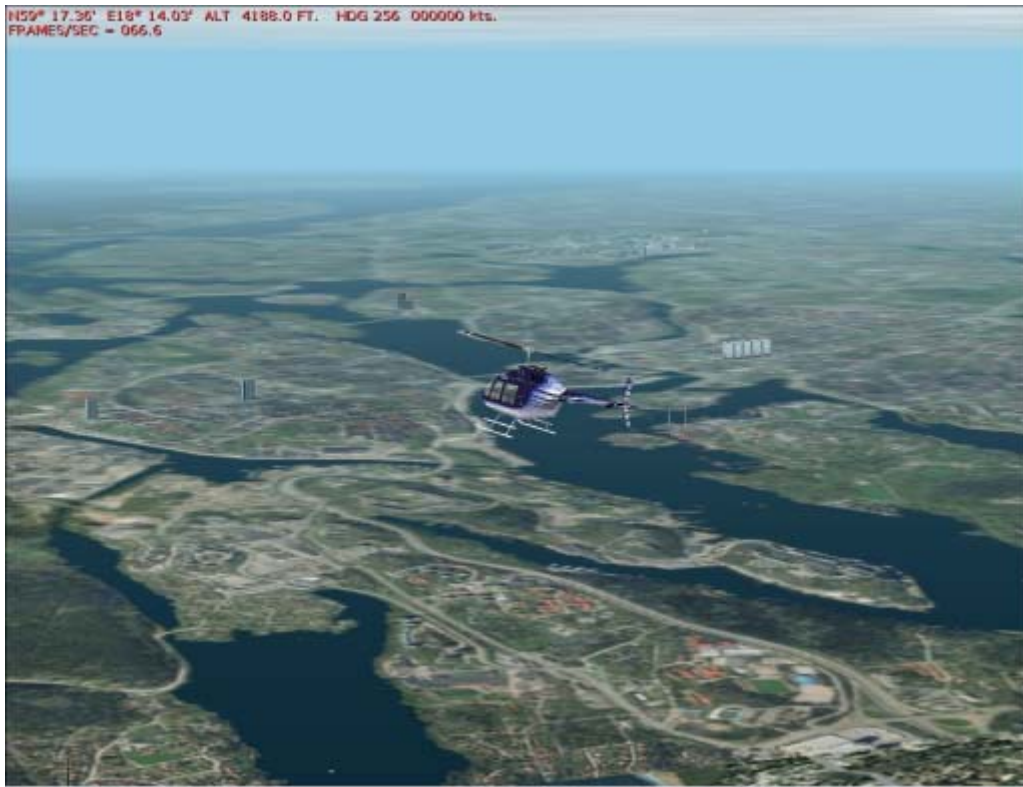
AMD 1800+ processor  
NVIDIA GeForce 4 Ti 4600 128 Mb graphics card  
512 mb RAM

The FPS readouts in the upper left corner reflect the scenery fps for such a system. As you clearly can see in all shots, the 20 frames/second optimum lower framerate limit for smooth flying is never even close and the scenery will likely be enjoyable with good framerate on most new systems.

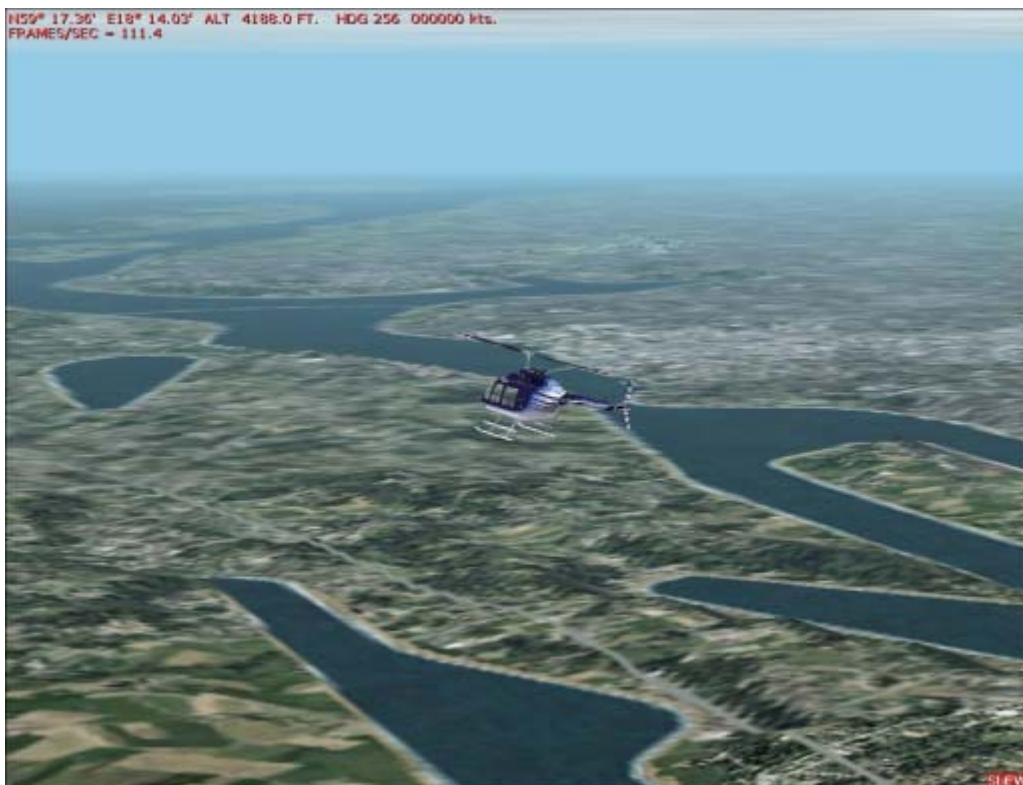
However this is a huge scenery – there are well over 200 Mb of bitmaps in a full install including winter, summer and night, so you will need a system with enough RAM memory, modern processor with a fast graphics card to avoid prolonged scenery loading times.

We have found that this scenery lowers the framerate with approximately 30-40% in our system compared with what we get with FS2002 default scenery. This number is only intended to give you an hint as all systems are different with respect to framerate penalties.

SWFL Pro – City from Nacka



same scene in FS2002 default



SWFL Pro – ESSB winter



SWFL Pro – Short left base runway 30



SWFL Pro – Short left base runway 30 - night



SWFL Pro – Taxiway A dusk



SWFL Pro – LearJet in left turn out runway 30



SWFL Pro – Overflying the apron area

