

ENSG

Sogndal Haukåsen Airport

USER GUIDE December 2016





Contents

Thank you!	3
Product requirements	4
What will you miss out on if you don't have Orbx FTX Norway installed?	4
Quick Installation Guide	5
Scenery Coverage Area	6
Airport Information and Charts	7
The ENSG Control Panel	11
Quick Reference Simulator Settings	11
Product Technical Support	12
Please do NOT email support requests	12
Use the forum search function	12
What to include in your support requests	12
FTX Community Forums	13
Thanks for reading!	13
The FTX ENSG Team	14
Lead Developer	14
Additional Orbx Developers	14
Specialist Roles	14
Beta Testing Team	14
End User License Agreement (EULA)	15



Thank you!

Orbx would like to thank you for purchasing FTX EU ENSG Sogndal Airport!

This is the second Norwegian airport for Orbx senior developer Andreas Hegi.

Sogndal Airport, Haukåsen (Norwegian: Sogndal lufthavn, Haukåsen; IATA: SOG, ICAO: ENSG) is a regional airport serving Sogndal, Norway. It is situated at Haukåsen, 10 kilometers (6.2 mi) from Kaupangerand 20 kilometers (12 mi) from Sogndalsfjøra. It serves the Sogn district. The airport consists of a 1,180-meter (3,870 ft) runway aligned 06/24. Services are provided by Widerøe on public service obligation with the Ministry of Transport and Communications. The airport is owned and operated by the state-owned Avinor and served 70,244 passengers in 2014.

The airport opened on 1 July 1971 along with three other regional airports in Sogn og Fjordane and Sunnmøre. These were at first connected to Bergen and Ålesund using the de Havilland Canada DHC-6 Twin Otter. From the 1980s the airport was upgraded and de Havilland Canada Dash 7 started being used, allowing all-year services to Oslo.

Source Wikipedia: The Free Encyclopaedia





Product requirements

This scenery airport addon is designed to work in the following simulators: Microsoft Flight Simulator X, Lockheed Martin Prepar3D v1, Lockheed Martin Prepar3D v2 and Lockheed Martin Prepar3D v3.

Orbx FTX Norway is also required for full functionality.

What will you miss out on if you don't have Orbx FTX Norway installed?

- Blending of the airport photoreal into the surrounding terrain
- Moving traffic on roads, properly aligned to the photoreal ground terrain
- Enhanced FTX Global 3D lighting system with improved FPS in urban/township streets around the airport
- Orbx's modified houses and trees which match European houses and trees

Please visit https://orbxdirect.com/product/nor to purchase your copy of FTX Norway if you haven't already done so.





Quick Installation Guide

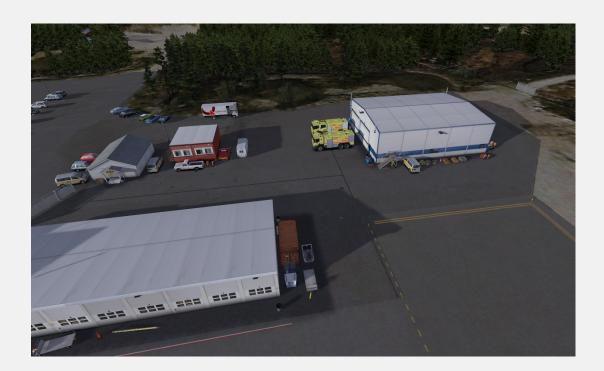
Installing Orbx FTX ENSG is all managed by our FTX Central application. This app is responsible for many aspects in maintaining your Orbx installation. Please visit the support forums to learn more.

Once you have purchased ENSG it will be added to your account and you can have FTX Central download and install it for you. The appropriate scenery library entries will also be managed by FTX Central.

You may also manually download ENSG and then have FTX Central manage the installation for you once downloaded.

An internet connection is required for FTX Central to validate your license.

Please note that the above all refers to FTX Central 3. Earlier versions of FTX Central are no longer supported but will still function as before. The integration of FTX Central with your OrbxDirect account is only available with FTX Central version 3 and above.



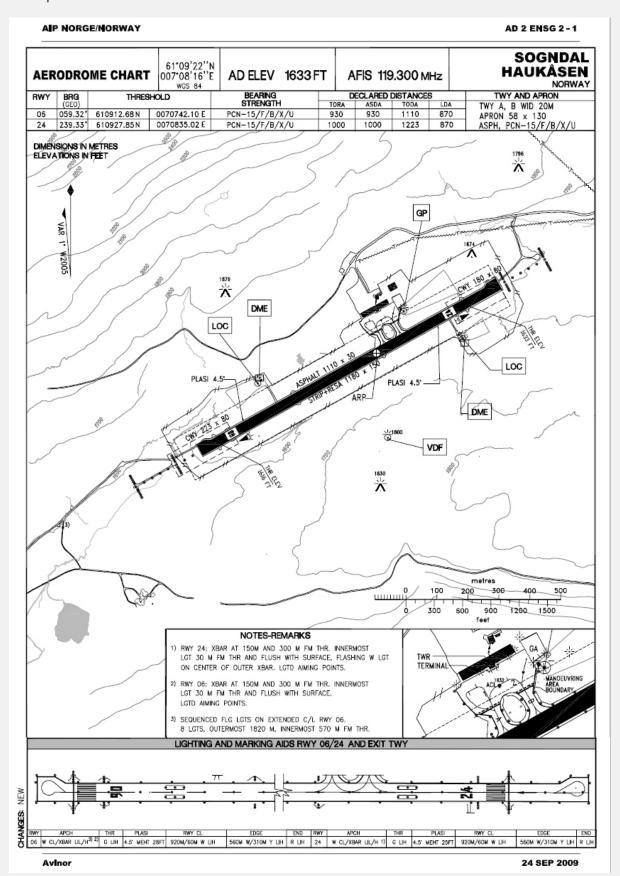


Scenery Coverage Area

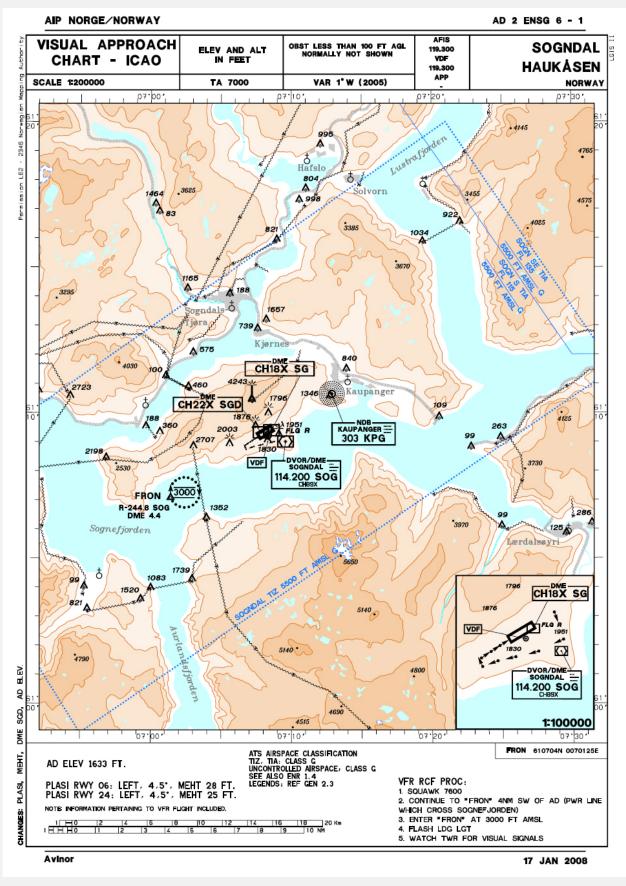




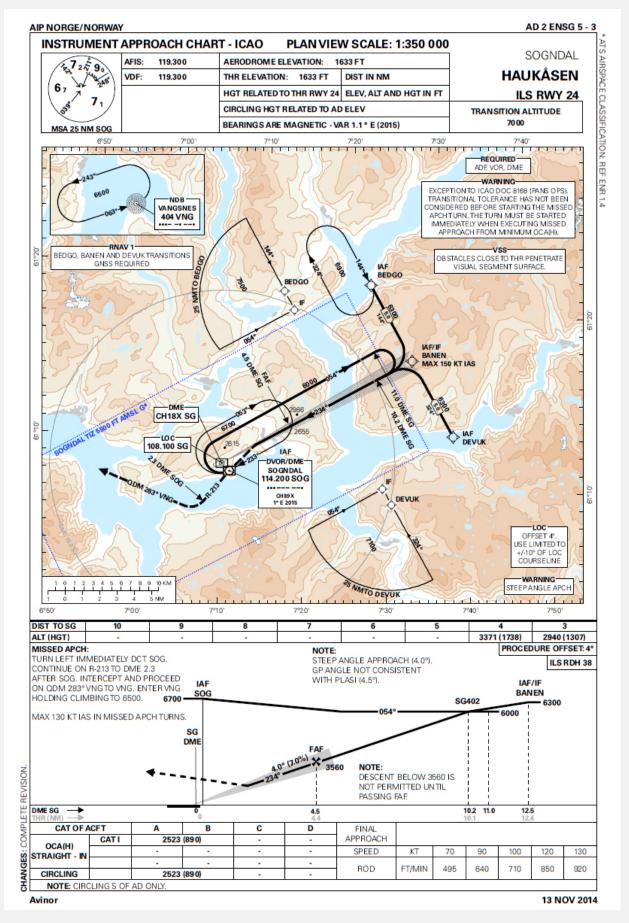
Airport Information and Charts



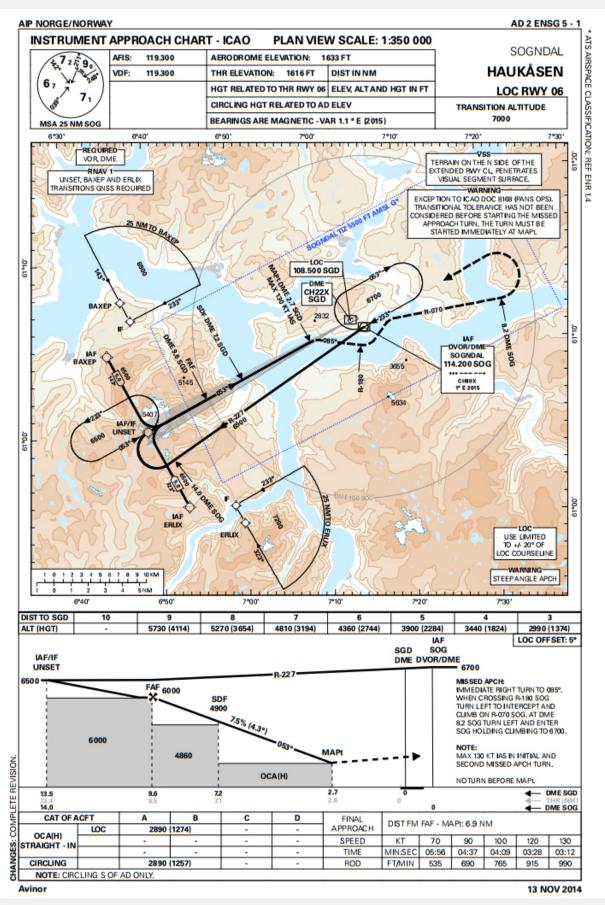












Source: https://www.ippc.no/norway_aip/current/aip/ad/ensg/ensg_en.html



The ENSG Control Panel

The ENSG Control Panel can be accessed from the main FTX Central interface by clicking the Configure button.

The Control Panel will enable you to disable or enable certain scenery features of the airport to allow it to perform in accordance with the PC hardware you have. By default, all scenery options are enabled by the installer. If you have a high end PC, enable all the CP options. For low to midrange PCs it is recommended to try disabling some settings.

Quick Reference Simulator Settings

The table below lists in a handy reference the minimum recommended settings required in your simulator to enjoy ENSG the way Orbx designed it. These settings will run well on most PCs and take particular advantage of the custom mesh and photoreal imagery used in the scenery area.

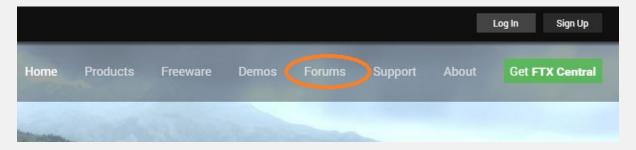
If you use the settings below you will be guaranteed the highest fidelity experience and the best balanced performance.

Setting	Value	Why?
Level of detail radius	Large	Reduces blurring of textures.
Global texture resolution	Max	Displays photoreal textures best.
Mesh complexity	100	Better terrain definition.
Mesh resolution	5m	5 m is required for ENSG.
Texture resolution	7 cm	Sharpest roads and freeways.
Scenery complexity	Extremely Dense	How Orbx designed FTX ENSG.
Autogen density	Normal	Best FPS vs detail.
GA Al traffic	16-50%	Recommended for this scenery.
Road vehicle traffic	16%	No need to set higher for FTX.



Product Technical Support

Orbx has a very simple support policy: no question unanswered. That means, should you have any questions about ENSG or its use, please feel free to register on the forums at orbxdirect.com and then log a support question in the FTX Payware Support Forum section. Orbx FTX experts will be available to review your support questions and you will usually get a reply on the forums within 12 hours, often much sooner than that.



To visit our support forums, click on the "Forums" button shown on the homepage of orbxdirect.com.

Please do NOT email support requests

Orbx provides world-class support on our forums, and it's the only way in which you can receive support for ENSG. Provided you adhere to the forum terms of use and have a legitimate copy of ENSG, you will always be offered our support at no cost as we work toward a resolution to your problem each time.

Use the forum search function

Before you post a question, please try searching for the answer first, using the forum's built in search function located on the forum menu bar.

What to include in your support requests

If at all possible, this is what we'd like to see provided for each request you log:

- A separate post on the FTX support forums for each issue (don't tag new issue reports onto existing threads).
- Include your TRANSACTION ID from your ENSG purchase in your post or forum signature section.
- A screenshot to highlight what you are talking about.
- A descriptive post title which clearly states what the issue is.
- Detailed comments in your post about what you are reporting on.

The Orbx support team is always on standby to assist you with any problems you may have, or will comment on your issue reports. Please remember, our priority is fixing any urgent issues first, and addressing bug reports second. Clearly though, any "show stopper" bugs will be given top priority though.



FTX Community Forums

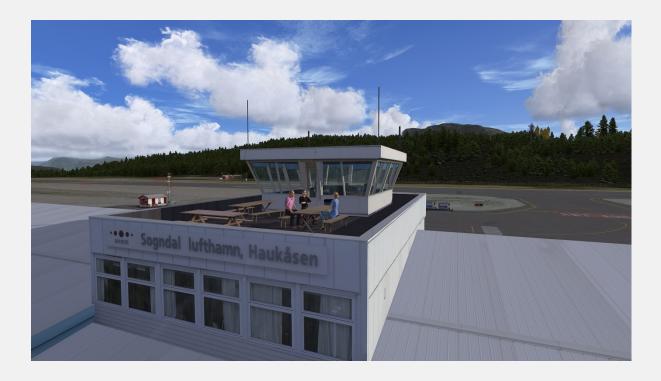
FTX already has quite a thriving and active user community on the forums, with over 63,000 members as of October 2016. To visit the forums, just point your web browser to orbxdirect.com and from the front page click the "Forums" menu item.

You don't need a user account to view other people's posts and information posted by Orbx staff, but if you'd like to join in on the discussion there, simply create an account. It's instant and no validation email is required. We like to keep things simple©.

We hope to see you there soon!

Thanks for reading!

You've stuck with us through all these pages of information, and we appreciate you taking the time to read the user guide. We hope it gave you some tips and insights. See you on the forums!





The FTX ENSG Team

Lead Developer

• **Andreas Hegi**: 3D modelling, texturing, ground imagery, ground poly, autogen annotation POI scenery object modelling and user guide.

Additional Orbx Developers

• Orbx Team: Orbxlibs objects

Specialist Roles

• **John Venema**: Business management

• Ed Correia: Production Management

• Ben McClintock: FTX Central and website

Beta Testing Team

Rob Newman, Ross Casey, Jon Muchison, John Dow, Eberhard Haberkorn, Rob Abernathy, Edward Boyte, Friedi Gulder





End User License Agreement (EULA)

For the most recent version of the EULA, see orbxdirect.com/eula.

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