



PAEN

Kenai Municipal Airport

USER GUIDE SEPTEMBER 2016



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Thank you!

Orbx would like to thank you for purchasing FTX US PAEN Kenai Municipal Airport (PAEN).

Kenai Muni is Orbx's second airport for the FTX Southern Alaska region and the latest project from Russ White. Russ continues to put out impressive work and this one compliments PAJN Juneau perfectly. The scenery features a huge photoreal area with many miles of coastline and the Kenai River estuary. Also included is the high definition airport buildings and ground textures that Russ is renowned for. He has also continued to utilize his FPS friendly grass and has taken advantage of the new FTX night lighting.

Facilities and aircraft

Kenai Municipal airport covers an area of 1200 acres at 99ft above sea level. It consists of two runways, the main asphalt runway being 7830ft long and a smaller gravel surface runway at 2000ft. It also has a seaplane landing area. The airport is serviced by a couple of regional airlines which conduct many flights to remote communities in Alaska.

Source: Wikipedia, the free encyclopedia



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 Southern Alaska is also required for full functionality.

What will you miss out on if you don't have Orbx FTX Southern Alaska 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 North American houses and trees

Please visit <https://orbxdirect.com/product/sak> to purchase your copy of FTX Southern Alaska if you haven't already done so.



Quick Installation Guide

Installing Orbx FTX PAEN 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 PAEN 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 PAEN and then have FTX Central manage the installation for you once downloaded.

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

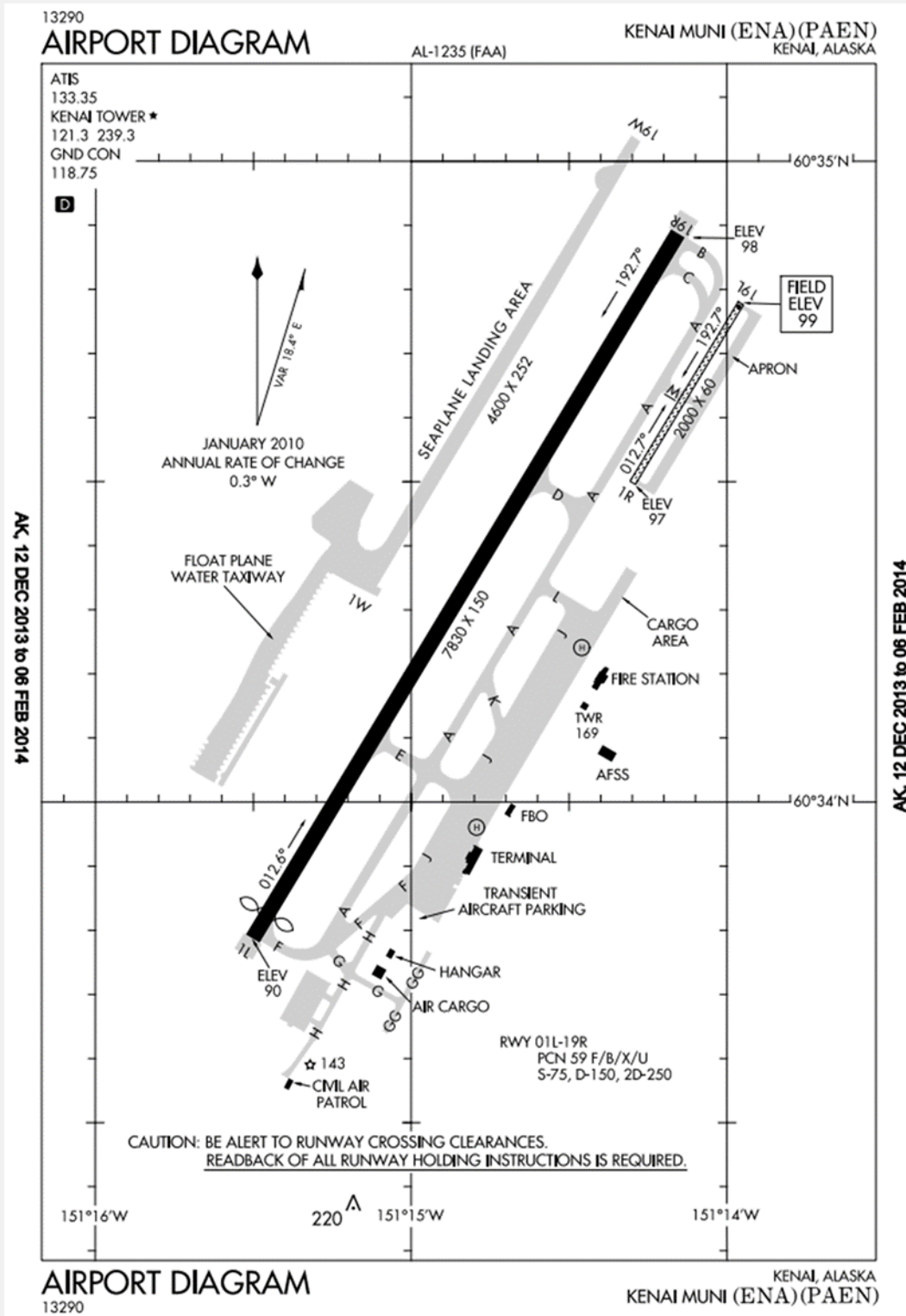
Please note that the above all refers to FTX Central 3. Earlier versions of FTX Central are no longer supported but will still function as before. The integration of FTX Central with your OrbxDirect account is only available with FTX Central version 3 and above.



Scenery Coverage Area



Airport Information and Charts



Location Information for PAEN Coordinates: N60°34.40' / W151°14.69' Located 00 miles N of Kenai, Alaska on 1200 acres of land. View all Airports in Alaska . Surveyed Elevation is 99 feet MSL. Magnetic Variation from 2010 is 19° East																																									
Operations Data Airport Use: Open to the public Activation: May 1947 Date: Status: Operational Control Tower: Yes Seg-Circle: Yes Beacon: Clear-Green (Lighted Land Airport) Wind Indicator: Yes, Lighted Lighting: SEE RMK Schedule: A.R.T.C.C.: ANCHORAGE F.S.S.: KENAI (on field) NOTAMs Facility: ENA (NOTAM-D available) Sectional Chart: ANCHORAGE ARFF Cert: I A S 03/2005 Airspace Analysis: NO OBJECTION Attendance: ALL/MON-FRI/0800-1700																																									
Airport Communications ATIS: 133.35 ASOS: 133.35 Tel. 907-283-6513 KENAI TOWER: 121.3 239.3 KENAI GROUND: 118.75 UNICOM: 122.950 CTAF: 121.300 D-ATIS at ANC (51.3 NE): 135.5 ASOS at LHD (52.1 NE): 907-245-1618 ATIS at LHD (52.2 NE): 125.6 Remarks: • APCH/DEP SERVICE PROVIDED BY ANCHORAGE ARTCC ON FREQS 125.7/379.1 (KENAI RCAG).																																									
Nearby Navigation Aids <table border="1"> <thead> <tr> <th>ID</th> <th>Name</th> <th>Freq</th> <th>Radial / Range</th> <th>ID</th> <th>Name</th> <th>Freq</th> <th>Bearing / Range</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>ENA KENAI</td> <td>117.60</td> <td>191° 2.9</td> <td><input checked="" type="checkbox"/></td> <td>IWW WILDWOOD</td> <td>379</td> <td>014° 1.8</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>OLT SOLDOTNA</td> <td>115.90</td> <td>279° 12.4</td> <td><input checked="" type="checkbox"/></td> <td>OLT SOLDOTNA</td> <td>346</td> <td>099° 12.4</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>TED ANCHORAGE</td> <td>113.15</td> <td>208° 52.0</td> <td><input checked="" type="checkbox"/></td> <td>CMQ CAMPBELL LAKE</td> <td>338</td> <td>024° 50.3</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>HOM HOMER</td> <td>114.60</td> <td>342° 52.4</td> <td><input checked="" type="checkbox"/></td> <td>ACE KACHEMAK</td> <td>277</td> <td>168° 56.6</td> </tr> </tbody> </table>		ID	Name	Freq	Radial / Range	ID	Name	Freq	Bearing / Range	<input checked="" type="checkbox"/>	ENA KENAI	117.60	191° 2.9	<input checked="" type="checkbox"/>	IWW WILDWOOD	379	014° 1.8	<input checked="" type="checkbox"/>	OLT SOLDOTNA	115.90	279° 12.4	<input checked="" type="checkbox"/>	OLT SOLDOTNA	346	099° 12.4	<input checked="" type="checkbox"/>	TED ANCHORAGE	113.15	208° 52.0	<input checked="" type="checkbox"/>	CMQ CAMPBELL LAKE	338	024° 50.3	<input checked="" type="checkbox"/>	HOM HOMER	114.60	342° 52.4	<input checked="" type="checkbox"/>	ACE KACHEMAK	277	168° 56.6
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Runway 01L/19R Dimensions: 7830 x 150 feet / 2387 x 46 meters Surface: Asphalt / Grooved in Good Condition Weight Limits: 59 /F/B/X/U, S-75, D-150, ST-250 Edge Lighting: High Intensity Runway 01L Runway 19R Coordinates: N60°33.79' / W151°15.50' N60°34.89' / W151°14.16' Elevation: 90.2 98.2 Gradient: 0.1 0.1 Traffic Pattern: Right Runway Heading: 012° Magnetic, 031° True 192° Magnetic, 211° True Displaced Threshold: 255 Feet Declared Distances: TORA:7830 TODA:7830 ASDA:7830 LDA:7575 TORA:7830 TODA:7830 ASDA:7575 LDA:7575 Markings: Precision Instrument in fair condition. Precision Instrument in fair condition. Glide Slope Indicator V4L (3.00° Glide Path Angle) V4L (3.00° Glide Path Angle) RVR Equipment Touchdown RY 19R RVR AVBL DURING ATCT OPER HRS ONLY. Approach Lights: MALSR 1,400 Foot Medium-intensity Approach Lighting System with runway alignment indicator lights. REIL: Yes																																									
Runway 01W/19W Dimensions: 4600 x 252 feet / 1402 x 77 meters Surface: Water in Excellent Condition Traffic Pattern: Runway 01W Runway 19W Right																																									
Runway 01R/19L Dimensions: 2000 x 60 feet / 610 x 18 meters Surface: Gravel in Good Condition Runway 01R Runway 19L Coordinates: N60°34.50' / W151°14.30' N60°34.78' / W151°13.95' Elevation: 96.9 98.5 Runway Heading: 012° Magnetic, 031° True 192° Magnetic, 211° True																																									
Services Available Fuel: 100LL (blue), Jet-A 24 HR CREDIT CARD FUEL AVBL - CALL 907-283-4542. Transient Storage: Tiedowns Airframe Repair: MINOR Engine Repair: MINOR Bottled Oxygen: NONE Bulk Oxygen: NONE Other Services: CARGO HANDLING SERVICES, CHARTER SERVICE, PILOT INSTRUCTION, AIRCRAFT RENTAL																																									
Ownership Information Ownership: Publicly owned Owner: CITY OF KENAI 210 FIDALGO ST KENAI, AK 99611 907-283-7951 Manager: MARY BONDURANT 305 N WILLOW SUITE 200 KENAI, AK 99611 907-283-7951																																									
Operational Statistics Single Engine Aircraft Based on Field: 54 Multi-Engine Aircraft Based on Field: 7 Jet Aircraft Based on Field: none Helicopters Based on Field: none Military Aircraft Based on Field: none Glanders Based on Field: none Ultralights Based on Field: none Statistics collected for 12 month period ending 2012-12-01 Annual Commercial Operations: 1045 Annual Commuter Operations: none Annual Air Taxi Operations: 23263 Annual Military Operations: 3115 Annual GA Local Operations: 6326 Annual GA Itinerant Operations: 6429																																									
Other Remarks • SIXTEEN TRANSIENT & FIVE COMMERCIAL TIE DOWN SLIPS AVBL AT END OF WATER CANAL. • (A89) FOR LOCAL CALL TO KENAI AFSS DIAL 283-7211. • WX CAMERA AVBL ON INTERNET AT HTTP://AKWEATHERCAMS.FAA.GOV • RY 01W/19W CLSD TO ACFT OPNS NOV THRU APR. • LNDG FEE ACFT OVER 4000 LBS. TSNT PARKING UNDER 10000 LBS S TRML RAMP; OVERFLOW OVR 10000 LBS & HEL N TRML RAMP. • FLOCKS OF MIGRATING BIRDS 10 NM RADIUS OF AIRPORT SPRING THRU FALL. • PORTIONS OF TERMINAL RAMP, TWY G, H AND ALL TWY GG NOT VISIBLE FROM TWR. • KENAI MUNI SEAPLANE BASE CONTROLLED BY KENAI ATCT DURG PUBLISHED HRS OF OPERATION. WX AVBL FM KENAI ATIS OR FM AFSS WHEN KENAI ATCT CLSD. NOISE ABATEMENT PROCEDURES IN EFFECT, CALL AMGR 907-283-7951. • UNSKED ACFT OVER 30 PSGR SEATS 48 PPR. CTC AMGR 907-283-7951 OR 907-283-7879. • PATTERN ALT 700 FT AGL FOR SEAPLANE BASE. RY 19W RGT TFC. FOR NOISE ABATEMENT ALL ACFT ARRIVING TO 01W & DEPARTING ON 19W MAKE FINAL APPROACH & CROSS WIND TURNS SOUTH OF BEACHLINE UNLESS OTHERWISE AUTHORIZED BY ATC. WATER LDG AREA NOT VISIBLE FROM ATCT. • ACTVT REIL RY 01L & VASI RYS 01L & 19R - CTAF. WHEN TWR CLSD HIRL RY 01L/19R SET AT STEP 3 TO CHG INTST CTC AFSS. ACTVT MALSR RY 19R WHEN TWR CLSD - CTAF. • TPA FOR RY 01W/19W 700' AGL																																									

Source <http://skyvector.com/airport/ENA/Kenai-Municipal-Airport>

The PAEN Control Panel

The PAEN 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 mid-range PCs it is recommended to try disabling some settings.

Quick Reference Simulator Settings

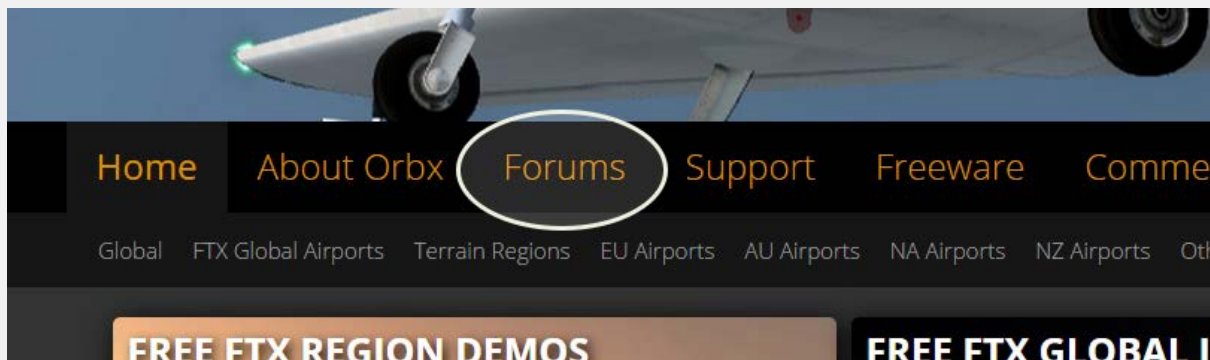
The table below lists in a handy reference the minimum recommended settings required in your simulator to enjoy PAEN the way Orbx designed it. These settings will run well on most PCs and take particular advantage of the custom mesh and photoreal imagery used in the scenery area.

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 PAEN
Texture resolution	7 cm	Sharpest roads and freeways.
Scenery complexity	Extremely Dense	How Orbx designed FTX PAEN.
Autogen density	Normal	Best FPS vs detail.
GA AI 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 PAEN 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 PAEN. Provided you adhere to the forum terms of use and have a legitimate copy of PAEN, 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 ORDER NUMBER from your PAEN 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 September 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 PAEN Team

Lead Developer

- **Russ White:** All 3D modeling, texturing, ground imagery, ground polys, autogen annotation.

Additional Orbx Developers

- **Orbx Team:** Orbxlibs objects
- **Neil Hill:** APX & ADE work
- **Holger Sandmann:** Roads/traffic adjustments, flattens, aerial imagery acquisition and processing

Specialist Roles

- **John Venema:** Business management
- **Ed Correia:** Production Management
- **Ben McClintock:** FTX Central and website

Beta Testing Team

Phil Manhart, Craig Hanley, Friedi Gulder and Eberhard Haberkorn

Further acknowledgments

- **Evan and Jessica Veal:** Location photography



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

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