



international x-plane engineering group

737 CLASSIC



Introduction



737-300 Introduction

WELCOME

Thank you very much for purchasing IXEG's 737 Classic product. We would like to take this opportunity to welcome you to what we feel is one of the more detailed and immersive desktop simulations of a passenger airliner available today.

With this product, IXEG have endeavored to bring "as real as it gets" to the farthest corners of the desktop simulation experience. Not only have we simulated the aircraft systems and piloting experience to a very high degree, but also the sensory experience as well. As you pilot this virtual aircraft, you will experience the sights and sounds a real captain experiences sitting at the controls of a passenger airliner, ready to ferry folks all over the world.

Whereas most flight simulation airliners are developed with the periodic consult of real airline pilots, our 737 is unique in that we have, as part of our core development team, a superb and highly experienced 737-300 captain with over 4000 hours in type. His mentorship and vision has guided the IXEG team every step of the way to relentlessly ensure that our simulation stays as faithful to his daily experiences behind the yoke of the 737-300 as it can within the confines of X-Plane®. When you climb into our virtual 737 Classic cockpit, we believe you will get some sense of what it is like to pilot the real thing.

We highly recommend that you take the time to read through this brief introductory document fully. Inside this document, you will find important information to allow you to become familiar with the product features, its documentation set and additional resources available to help you get the most enjoyment out of the product as well as support. Again, we thank you for your purchase!



737-300 Panel with Engine Information System (EIS) Option



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THANKS

A few thank yous are in order on behalf of the IXEG Development Team.

WIVES AND FAMILIES

For nearly 6 years they have put up with too much time at the computer. I think we all know the risk that entails, but we have all made it through thanks to wonderful families, some of which have increased in size throughout the project. Thank you wives, thank you children!

COMMUNITY SUPPORTERS

As much as we are developers, we are also community members, which we are proud to be a part of. Throughout the project, we have received innumerable words of encouragement that inspired us to keep going in challenging times. We hope this product brings you some joy. Thank you for supporting us.

LAMINAR RESEARCH

As IXEG have seen firsthand, realizing a vision and nurturing it to fruition is certainly an endeavor of passion and tenacity and we are grateful for the Laminar's team steadfastness in enabling, helping and encouraging developers to realize their flight sim visions. Thank you Austin, Randy, Ben, Chris & crew!

BEN RUSSELL / GIZMO AUTHOR

In 2008, Ben Russell conceived a scripting engine, to alleviate the burden of C/C++ programming from creative developers and allow them to focus their talents on the art of simulation and not computer science. Unequivocally, the IXEG 737 would not be where it is without this fantastic tool for developers. The IXEG 737 is coded entirely in Gizmo/Lua. Thank you Ben!



DISCLAIMER

This product is NOT approved for training by the FAA or any other official aviation authority in the known world, and should be treated accordingly.

Although this simulator aircraft model can be an aid in pilot student training, it is in NO WAY a substitute for REAL flight training.

All references, data, diagrams, text and other information in this and other documents shipping with this product apply to the IXEG 737-300 simulation model only, and should in NO WAY be used as reference in real flight!

Some functions and systems in this simulator model are different or non-existent in the real aircraft. Also, some of the functions and systems of the real aircraft are not fully modeled or functioning as in this simulator model.

Future X-Plane versions might result in parts of this product becoming non-functional or un-realistic. We reserve the right to update the aircraft as IXEG are able.



DOCUMENTATION OVERVIEW

With this product, we have provided documentation for a variety of needs, user experience levels and varying situations. All documentation can be found included in the same folder as this Introduction document, [Documentation](#). The following items are contained in this documentation folder.

Interface Guide.pdf

The interface guide explains the various ways that you may physically interact with the 737 classic simulation using the keyboard, mouse and hardware. It also discusses how to set IXEG specific preferences, operate custom menus, operate elements of the 3D cockpit and also lists custom commands and manipulator datarefs that can be assigned to your flight sim hardware. This document is a must read before beginning your first flight.

Pilot Quick Reference Handbook.pdf

Unlike many other *study level* simulation products, IXEG have elected not to provide a real pilot operating / aircraft handbook. Such manuals generally contain an excess of technical information that is not well suited to most flight simulation situations and enthusiasts. What we have provided though, is a minimal, quick reference handbook that contains pertinent operating procedures regarding operation of the aircraft and its systems. It is our hope that we can ease more simmers into the world of study level flight simulation in a less intimidating way.

For the experienced simmers though, we are happy to say that our 737 simulation was designed and built using the real pilot operating handbook and in no way does our inclusion of a simplified quick-reference handbook imply that our simulation is diminished in accuracy of simulation. A real pilot operating handbook is a perfectly valid companion guide to our simulation and there are several sources around the internet from which to acquire one.

QUICK START SERIES

Our quick start series is provided for those not completely familiar with the 737, who crave instant gratification after purchase and desire to get the aircraft into the air as quickly as possible with as little reading as possible. The series contains two follow-along lessons in PDF format. Each lesson has an accompanying video available on IXEGs YouTube Channel. Links to the videos can be found in each of the tutorial PDF documents.

The videos are not required, as the PDF guide is sufficient to conduct the exercise, but rather the videos are provided to be complementary to the guide. They are authored by IXEGs own Captain Vogel and allow you to observe how a professional 737 Classic pilot conducts flight operations.

The first quick start guide will cover a flight that begins with the engines running and the 2nd quick start guide will cover a flight that begins with the aircraft completely unpowered, also known as “cold and dark”. If you are new to 737 operations and want to fly first and read later, then these documents will help you get airborne quickly. You can find these guides in the folder:

[Documentation > Quick Start Guides](#)



Two Quick Start tutorials to help you get going quickly!

TUTORIAL SERIES

Our tutorial series feature 4 lessons and are slightly more advanced instructionals in the basics of operating the 737 Classic in various situations of interest. As with the quick start tutorials, each tutorial's accompanying video can be found on YouTube. Again, see the tutorial PDFs for the relevant YouTube links.

These tutorials are also written by the experienced hand of IXEGs real-life 737 captain and we believe you will not find better insight into the nuances of 737 Classic operation than you will find in these documents and videos.

Note that these tutorials and scenarios are a bit more difficult to follow along with and require a decent familiarity with the basic operation of the 737-300. You can find these guides in the folder: [Documentation > Tutorials and Scenarios](#).



Four tutorials provided, with accompanying movies on YouTube



BUG REPORTING GUIDE (OPTIONAL)

As with any new software product being used by thousands of users instead of a small development team, we are expecting some software bugs and anomalies. IXEG, being new to the market, could use as much help as we can identifying any and all bugs. We welcome any who would help us contribute to Quality Assurance and improve the simulation for all.

The reporting of bugs is completely optional. Bugs and debugging can be a challenging process for all involved and requires patience and diligence. It can be very frustrating to be in the middle of a flight, or even short final (*as IXEG have experienced many times*) and have a bug appear that renders your flight useless or unable to be completed.

In such cases, it is important to know how to generate a usable bug report and convey it to IXEG for assessment and repair. Complaining in an email or forum that something is wrong or broken, generally will not help solve the problem. Please be assured that IXEG is completely dedicated to improving the 737 as quickly as possible and we appreciate your patience and feedback towards this end.

For those interested and willing to help, we have prepared a dedicated PDF guide appropriately titled, *Bug Reporting Guide.pdf*, which can be found in the Documents folder also. This guide covers some of the probable bugs to watch out for as well as discrete steps you can take in order to prepare and submit a useful *bug report* to IXEG. If you are desiring to report the bugs you encounter, please read through this document.

UPDATES AND PATCHES

From time to time, you can expect IXEG to provide new features and improvements to the 737 Classic as well as patches to the programming code.

When you purchased and installed the 737, you can be assured that you will have received the most recent version available. IXEG works with X-Aviation to ensure that when we have updates or patches to provide, they go into the X-Aviation installer before they go out to existing customers.

You can determine what version of the 737 Classic you have by opening the 737 in X-Plane and opening the Main Menu dialog, where the version number is displayed as shown below. See the [Interface Guide.pdf](#) for instructions on viewing the main menu. X-Aviation will, on the 737 Classic product page, have the most current version number clearly listed.



Updates refers to improvements to the 737 and are usually in the form of things you can see or hear, like new or improved 3D work, new sounds, new training resources or manuals. You will install updates to your 737 using an installer by X-Aviation. Whenever a new update is ready for distribution, X-Aviation will send out an email notifying you that a new update is available and you may then obtain the installer for that update by signing into your account at X-Aviation and downloading it.

Patches refers to a relatively urgent update of the programming code only. Though patches can be made using an installer, they do not require it. Patches are generally applied using Gizmo's *hotfix* feature and are designed to get customers a fix to a pesky problem quickly. A hotfix is an update of programming code over the internet while X-Plane is running. When a patch is needed for the 737, again, you will receive an email from X-Aviation with details on how to apply the hotfix patch.



CUSTOMER SERVICE AND SUPPORT

As a new owner of the IXEG 737, you are a customer of two entities. You are a customer of IXEG and also a customer of X-Aviation. If you have problems with your X-Aviation account, username, password, downloading, installation or activation of the product, you should seek support from X-Aviation through their web site [contact page](#). Alternatively, you may contact them at support@x-aviation.com.

For any problems, questions, suggestions or comments relating directly to the 737 product itself, then you should seek out support from the official IXEG forums at x-pilot.com. These forums are monitored closely by both X-Aviation and IXEG personnel. If you desire to utilize email however, you can certainly email IXEG at info@ixeg.net for support also.

The IXEG *Commercial Vendor* Support Forum for the 737 Classic will provide the high level topic categories shown below. We encourage you to visit and contribute to them as relevant.

- [Hardware / Cockpit Development and Customization](#)
- [Liveries and Livery Development](#)
- [Flight Operations](#)
 - [Pilot Edge and Vatsim Discussion](#)
 - [737-300 Systems and Operation](#)
 - [Flight Procedures and Techniques](#)
- [Bug Reports / Problems / Suggestions](#)
 - [Feature Suggestions](#)
 - [Bug Reports](#)

ADDITIONAL LEARNING RESOURCES

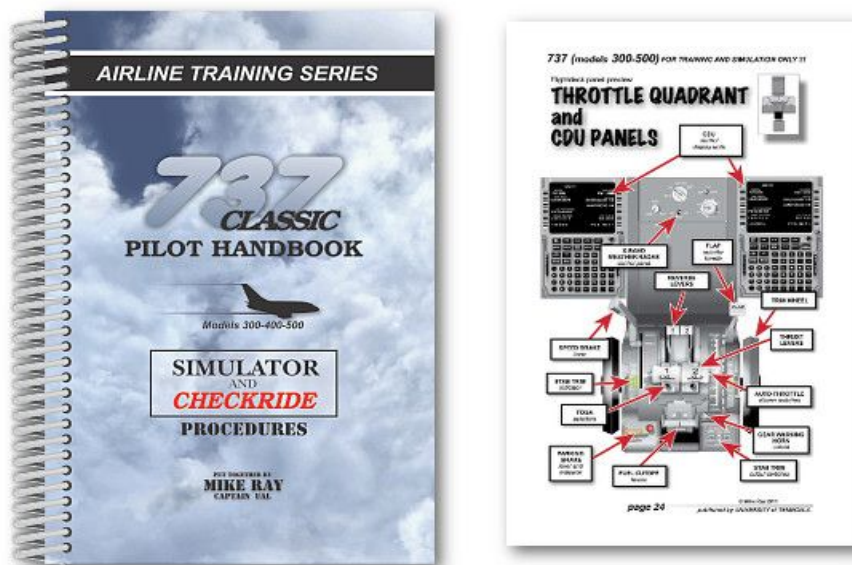
737 CLASSIC PILOT HANDBOOK

For those interested, IXEG highly recommends you look into the *737 Classic Pilot Handbook*, by Mike Ray, which is offered for sale on X-Aviation in both digital and coil-bound form at the following link below. Both color and B/W editions are available.

http://www.x-aviation.com/catalog/product_info.php/mike-ray-p-121

Mr. Ray is a long time 737-300 captain who presents the 737-300 and its technical details in a most engaging and entertaining way. You will not be disappointed if you purchase this guide!

In addition, Mr. Ray is currently in the process of preparing a *Sim Guide* for the IXEG 737. This too will be available from X-Aviation in the not too distant future and will be an ideal resource for newcomers to study level simulation of the 737 Classic.





LIVERIES AND PAINT KIT

To obtain free liveries by IXEG for the 737, there is a installer application in the root folder called, *Livery Manager*. Launch the installer, which will list all available liveries that you do NOT already have installed and simply select the liveries you would like.

For the Photoshop Wizards, we also provide a paint kit with two PSD files where you may create your own customized liveries. We would encourage you to share your liveries with the community at the X-Pilot forums. You can find the paint kit PSD files at the following link:

<http://forums.x-pilot.com/files/file/799-take-command-ixeg-737-classic-paint-kit/>