

JARDesign Group

CoPilot plugin for AIRBUS A340-600 by TOLISS (X-Plane 12)

(how to Install and Use)



features:

- + animated 3d CoPilot model
- + recognize and execute voice/menu/widget commands
- + speak
- + read checklists
- + operate with Events (based on flight parameters and situation)
- + execute SOP (Normal Procedures)

LICENSE AGREEMENT

By installing this Software product («JARDesign CoPilot» - X-Plane 12 plugin), you agree to be bound by the terms of this Agreement. If you do not agree to the terms of this Agreement, please, do not install or use the Product.

You may install the Software onto a single computer for your personal, noncommercial use subject to these conditions:

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5. REFUND POLICY: As you have ability to use DEMO version and check is it work or not BEFORE purchase, NO REFUND may be given.
6. Serial key may be activated with one aircraft installed for only one Computer ID. After first activation your serial key may be used with the same aircraft at the same computer (detected as Computer ID).

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STEP-BY-STEP

1. Setup speech/recognition engine at your computer (read below)
2. Copy CoPilot plugin files to your compatible aircraft "/plugins/" folder.
3. Load aircraft and setup plugin and hardware.
4. Check what you see copilot in cockpit, it animated, speak and recognize your voice command.
5. Use.

SETUP SPEECH RECOGNITION (WINDOWS 10)

Please be sure what US English language pack is already installed and English selected as Windows display language

The image shows the Windows 10 Settings application. In the left-hand navigation pane, the 'Settings' title is circled in pink. Below it, the 'Home' icon is visible. A search bar labeled 'Find a setting' is present. Under the 'Time & Language' section, which is underlined in pink, there are three options: 'Date & time', 'Region & language', and 'Speech'. Pink arrows point from 'Speech' to the main content area and from 'Region & language' to the 'Speech language' dropdown. The main content area is titled 'Speech' and contains the following settings:

- Speech language**: Choose the language you speak with your device. The dropdown menu is set to 'English (United States)'.
- Recognize non-native accents for this language
- Text-to-speech**: Change the default voice for apps.
 - Voice**: The dropdown menu is set to 'Microsoft David'.
 - Speed**: A slider control is shown, currently positioned at approximately 75%.
 - Listen to voice sample**: A button labeled 'Preview voice' is available.
- Microphone**: Set up your mic for speech recognition. A button labeled 'Get started' is available.

Please select English language for Recognition, run voice preview, setup microphone.

Settings

Home

Find a setting

Time & Language

Date & time

Region & language

Speech

Region & language

Country or region

Windows and apps might use your country or region to give you local content

Russia

Languages

Windows display language

Windows features like Settings and File Explorer will appear in this language.

English (United States)

Preferred languages

Apps and websites will appear in the first language in the list that they support.

+ Add a language

English (United States)
Windows display language

Русский
Language pack installed

Add English if not exist

Next turn recognition On (You may skip this step if you have Non-English interface at your Windows)

The image shows a screenshot of the Windows Settings application. On the left, the 'Settings' app title is circled in pink. A pink arrow points from the 'Settings' title down to the 'Speech' option in the 'Interaction' category. Another pink arrow points from the 'Speech' option to the 'Turn on Speech Recognition' toggle switch, which is currently turned 'On'. The right side of the screen displays the 'Speech' settings page, including the title 'Speech', a description, and instructions for using dictation. The toggle switch is located under the heading 'Turn on Speech Recognition'.

← Settings

Home

Find a setting

Ease of Access

Vision

Display

Cursor & pointer size

Magnifier

Color filters

High contrast

Narrator

Hearing

Audio

Closed captions

Interaction

Speech

Keyboard

Mouse

Speech

Make your device easier to use if you have limited reach or strength.

Talk instead of type

Use dictation to make text entry easier (US English only).

Press the Windows logo key **⊞** + H to start dictation. On the touch keyboard, select the microphone **🎤** button.

[Get more info about dictation](#)

Dictate text and control your device using only your voice

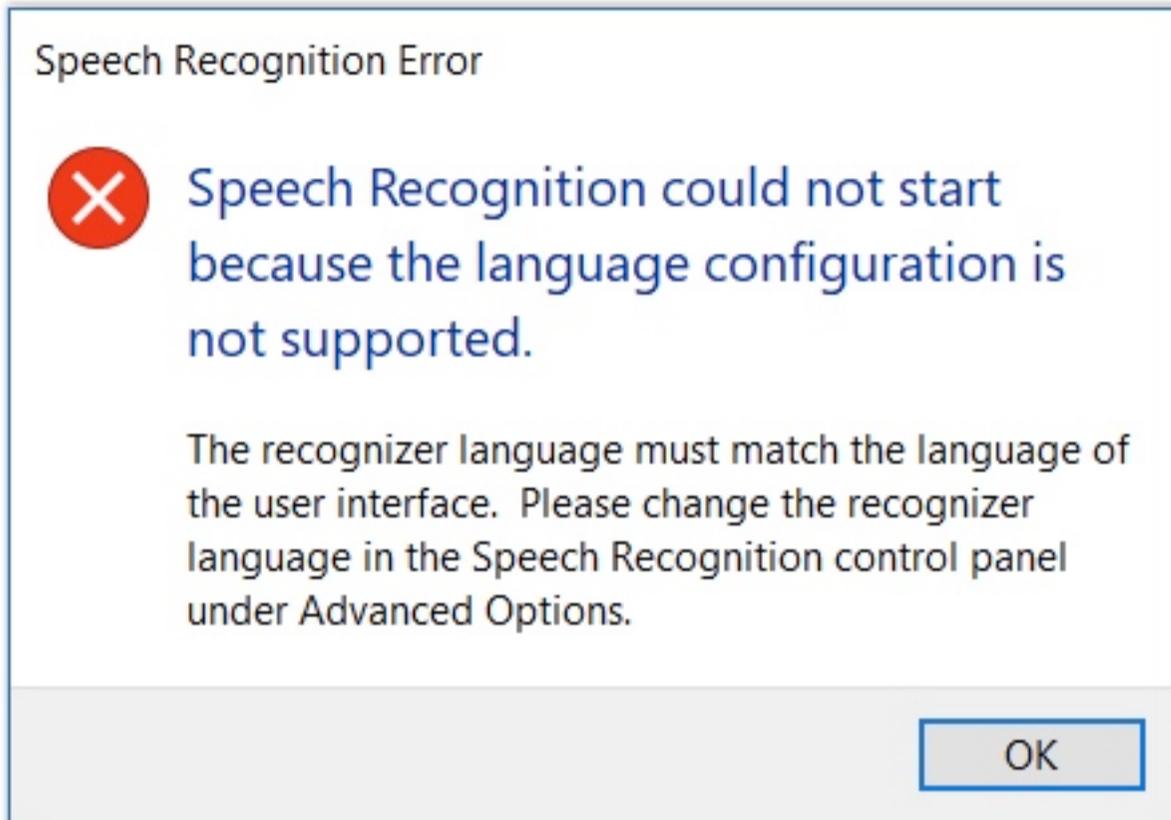
Turn on Speech Recognition

On

Speech Recognition is only available for the following languages: English (United States, United Kingdom, Canada, India, and Australia), French, German, Japanese, Mandarin (Chinese Simplified and Chinese Traditional) and Spanish.

Press the Windows logo key **⊞** + Ctrl + S to toggle Speech Recognition on or off.

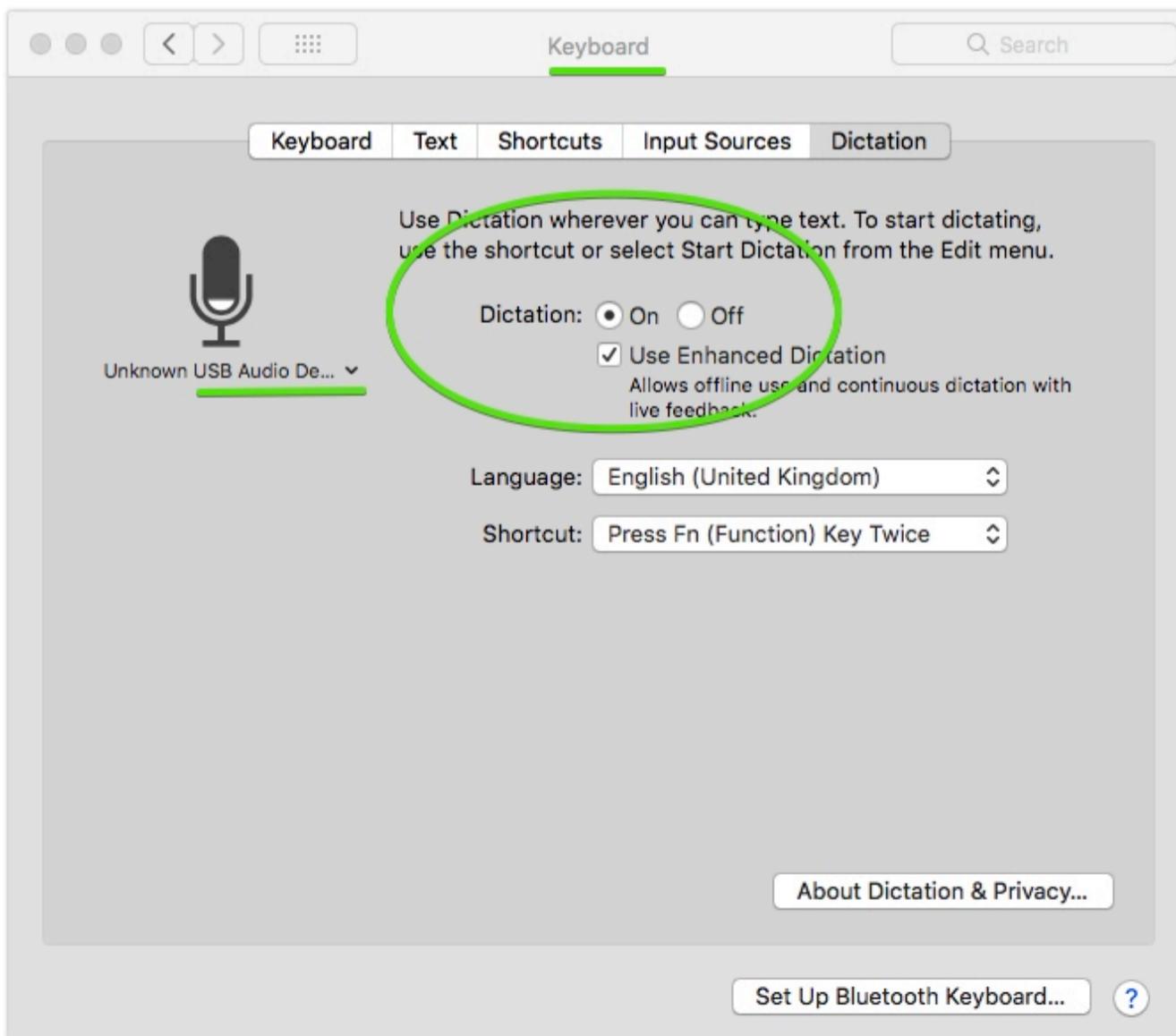
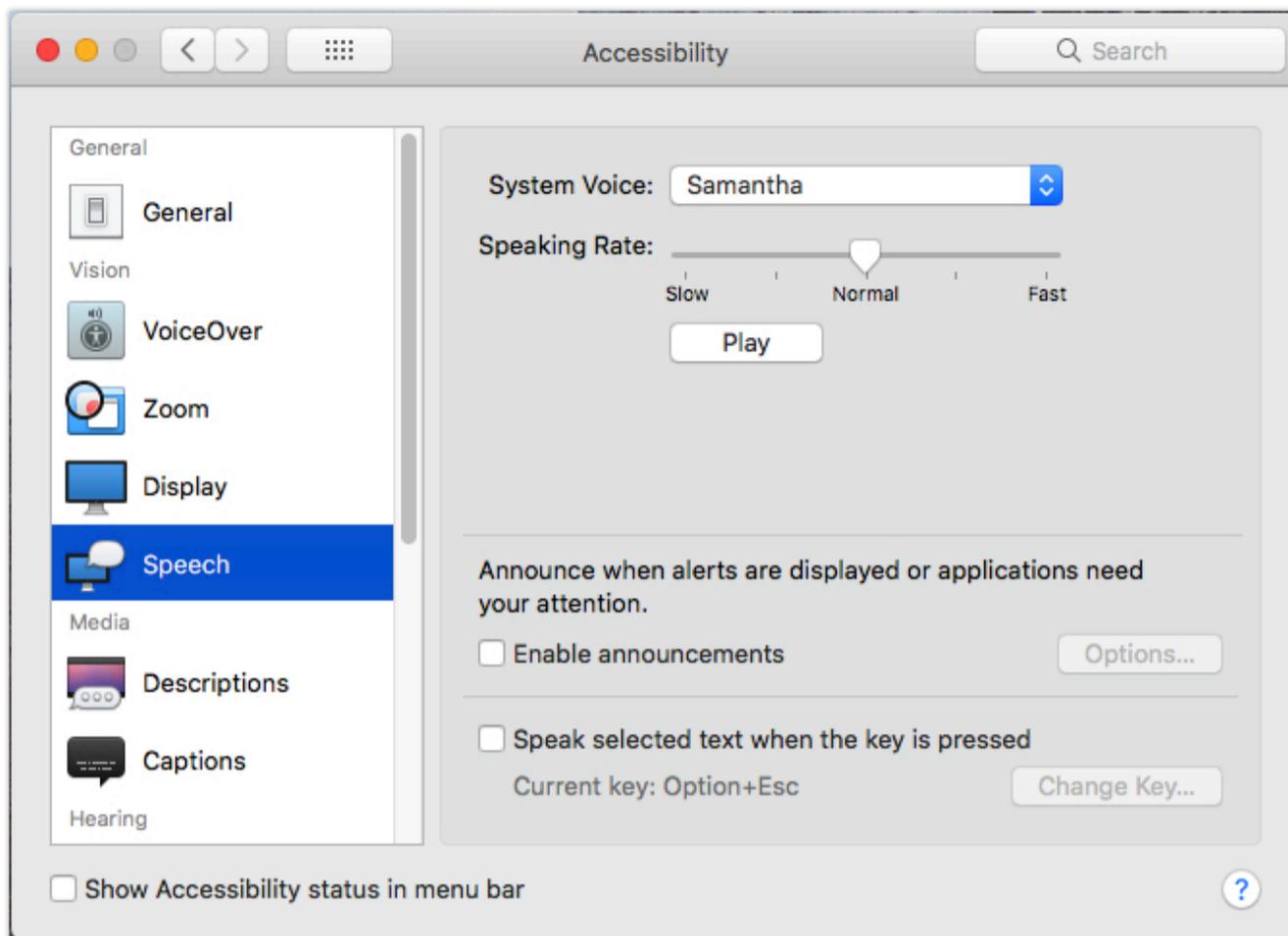
If you will get this error, you need setup English as user interface language (Windows display language) and English as your recognition language (language you speak with your device) and reload computer.



Please use this basic manual if need:

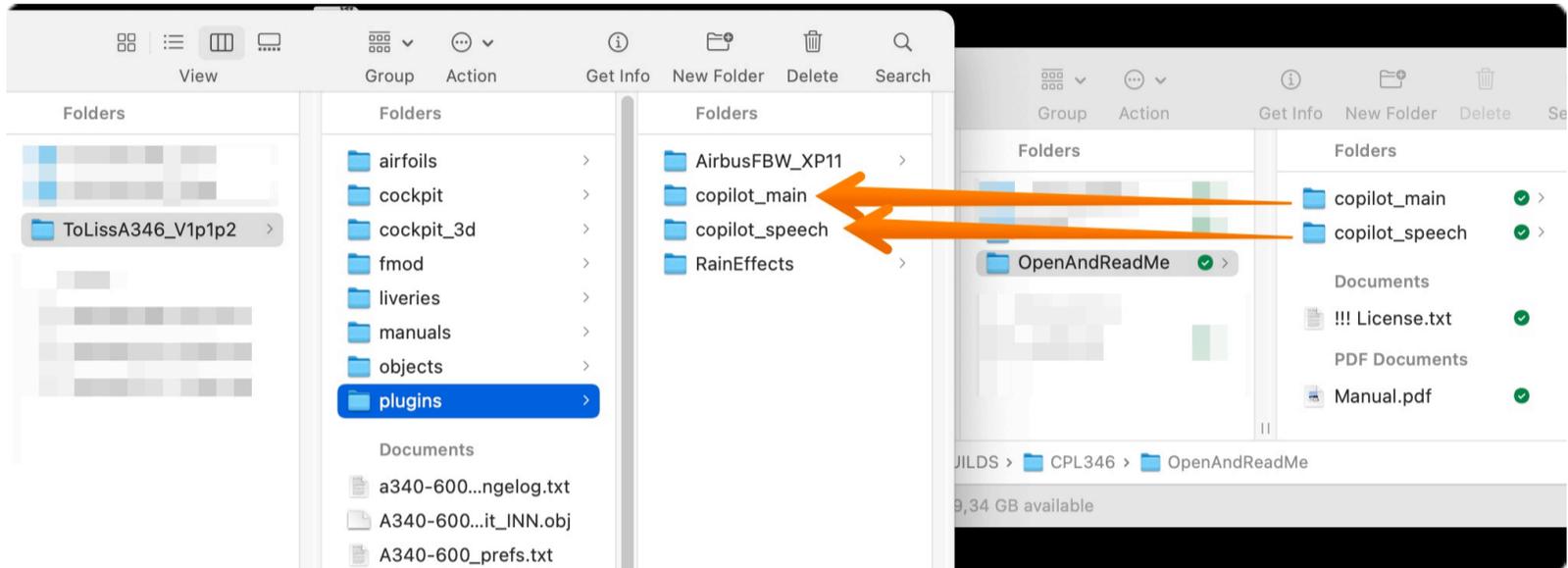
<https://www.windowscentral.com/how-set-speech-recognition-windows-10>

SETUP SPEECH / RECOGNITION (MAC OS)

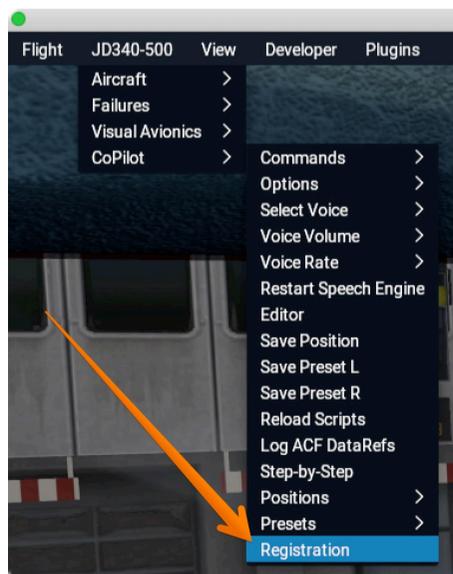


INSTALL PLUGIN

1. Find your A340-600 aircraft plugins folder inside ../X-Plane_11/Aircraft/ToLissA346/plugins/ or path like this.
2. UnZip copilot distributive and Put "copilot_main" and "copilot_speech" folders from your ZIP pack to "../ToLissA346/plugins/" folder



3. Run X-Plane and load A340-600. You will get offer to install Copilot plugin. Do this.
4. You may use copilot on the ground to test it and decide do you need register it with payware serial key.
5. Call X-Plane upper Menu -> JD340-500 -> CoPilot -> Registration to register plugin and make it worked during whole flight.



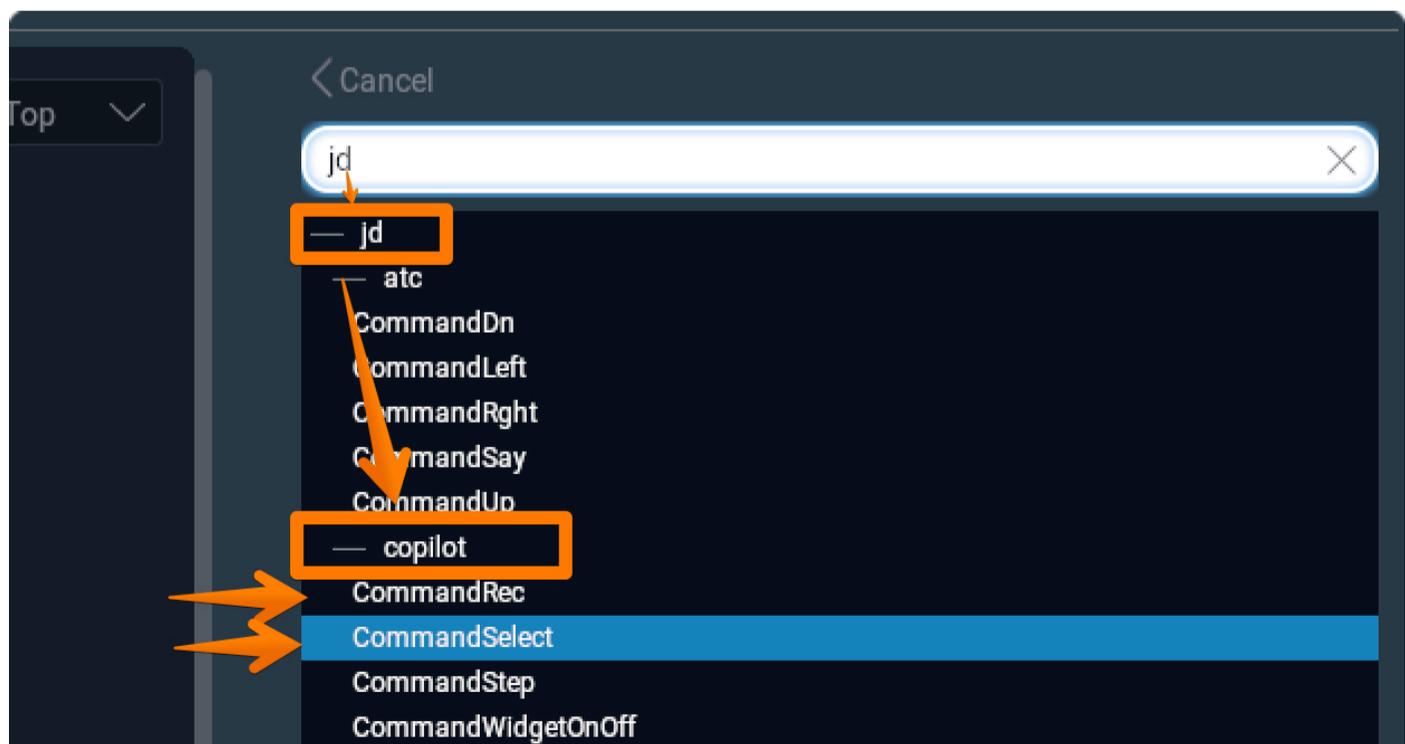
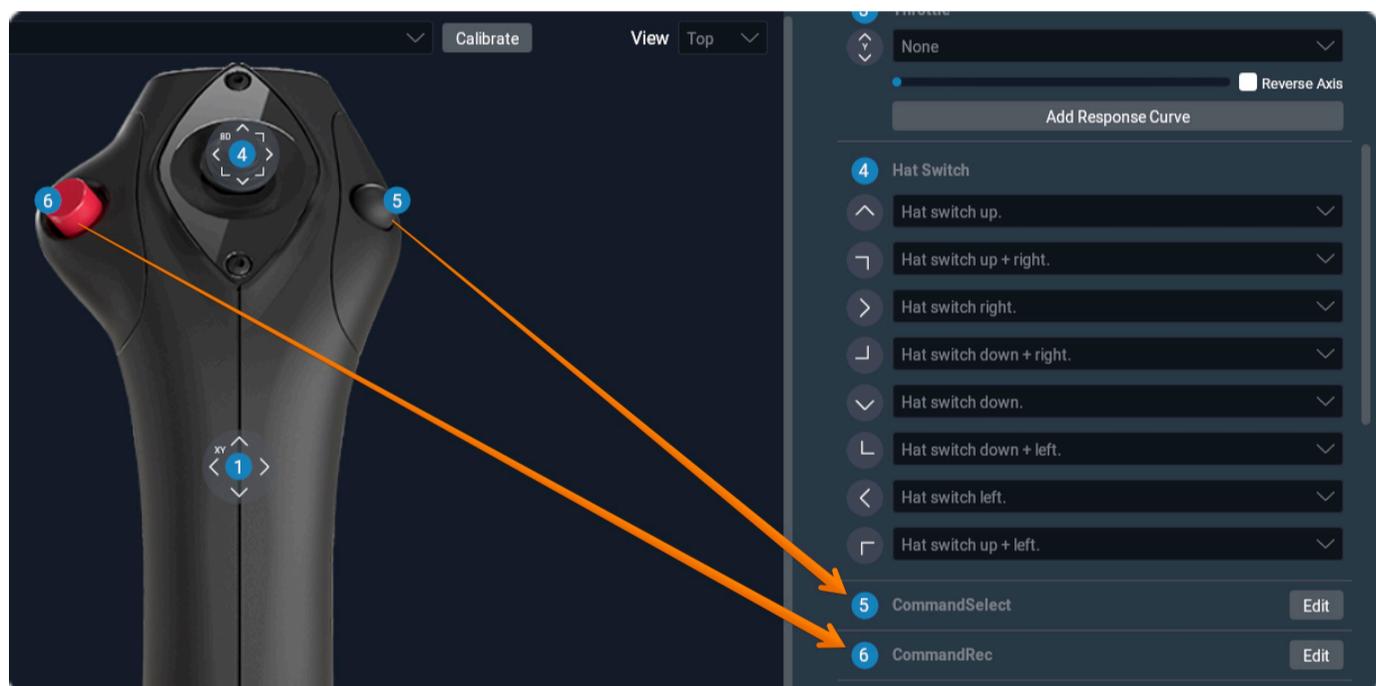
SETUP

For voice input - **You need** to have microphone or headset to use this plugin. Speech recognition should be setup and checked on your OS before copilot plugin installation.

For mouse/button click input - **You need** setup your Windows/MACOS speech settings only and skip voice recognition setup.

Open your X-Plane joystick settings and **assign**:

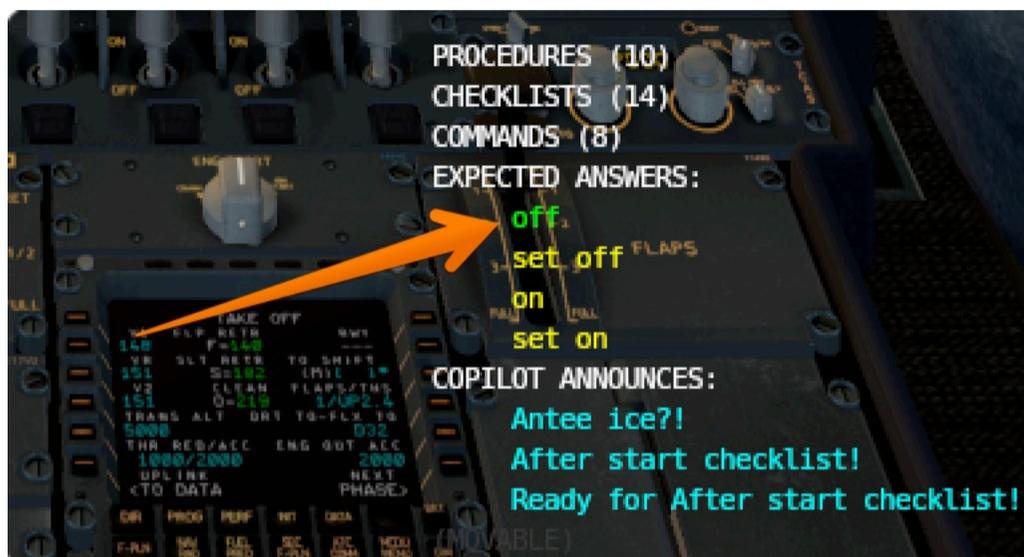
- one joystick button to jd/copilot/**CommandSelect** (for command selection)
- one joystick button to jd/copilot/**CommandRec** (for voice recognition)



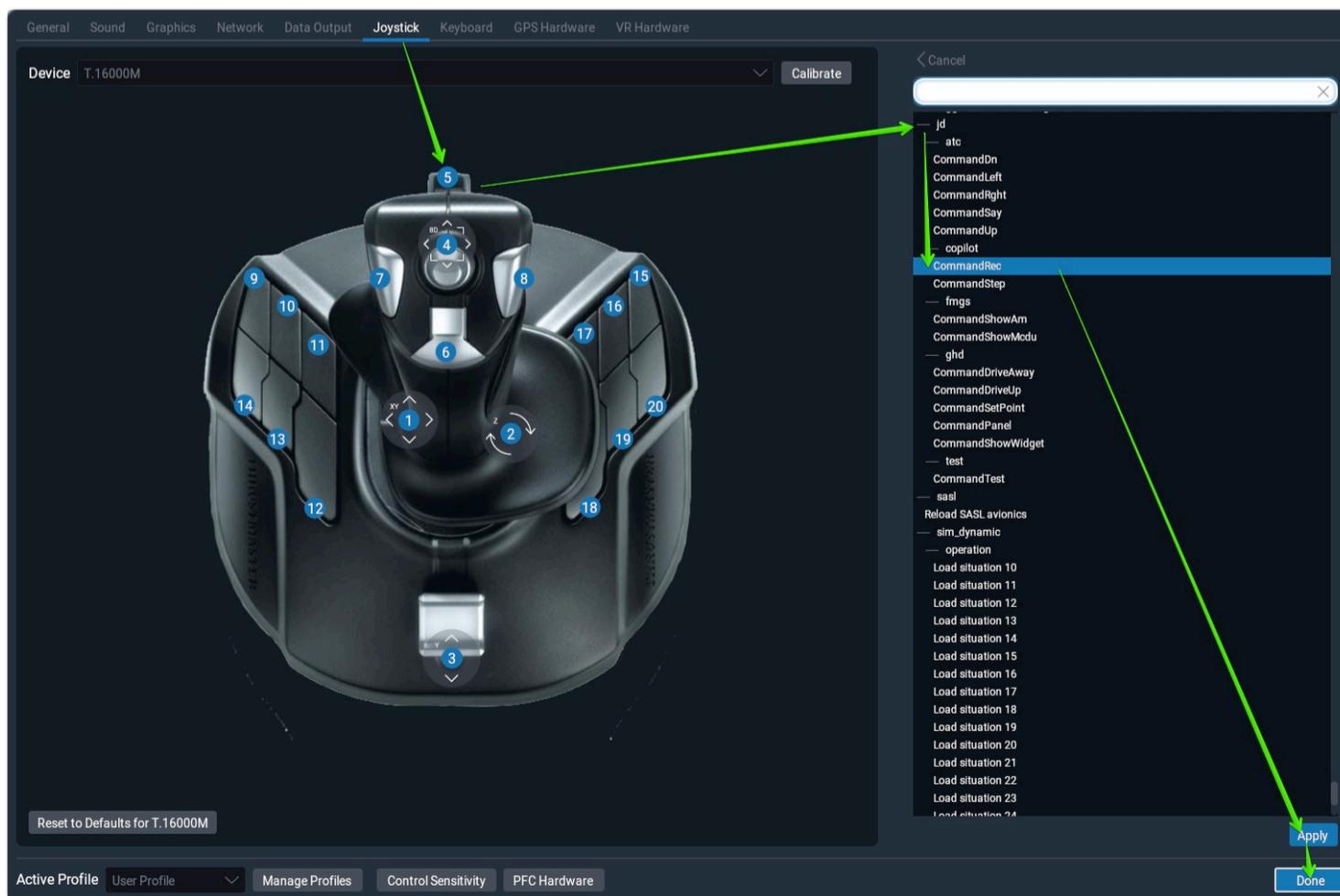
HOW TO USE

You may speak with CoPilot via voice or select commands via Menu or select command via widget. When you run checklist - expected answers (clickable) will be indicated in yellow.

You may click it with mouse or use Select button. Short click on Select button will change selected command. Long tap will confirm selected command.

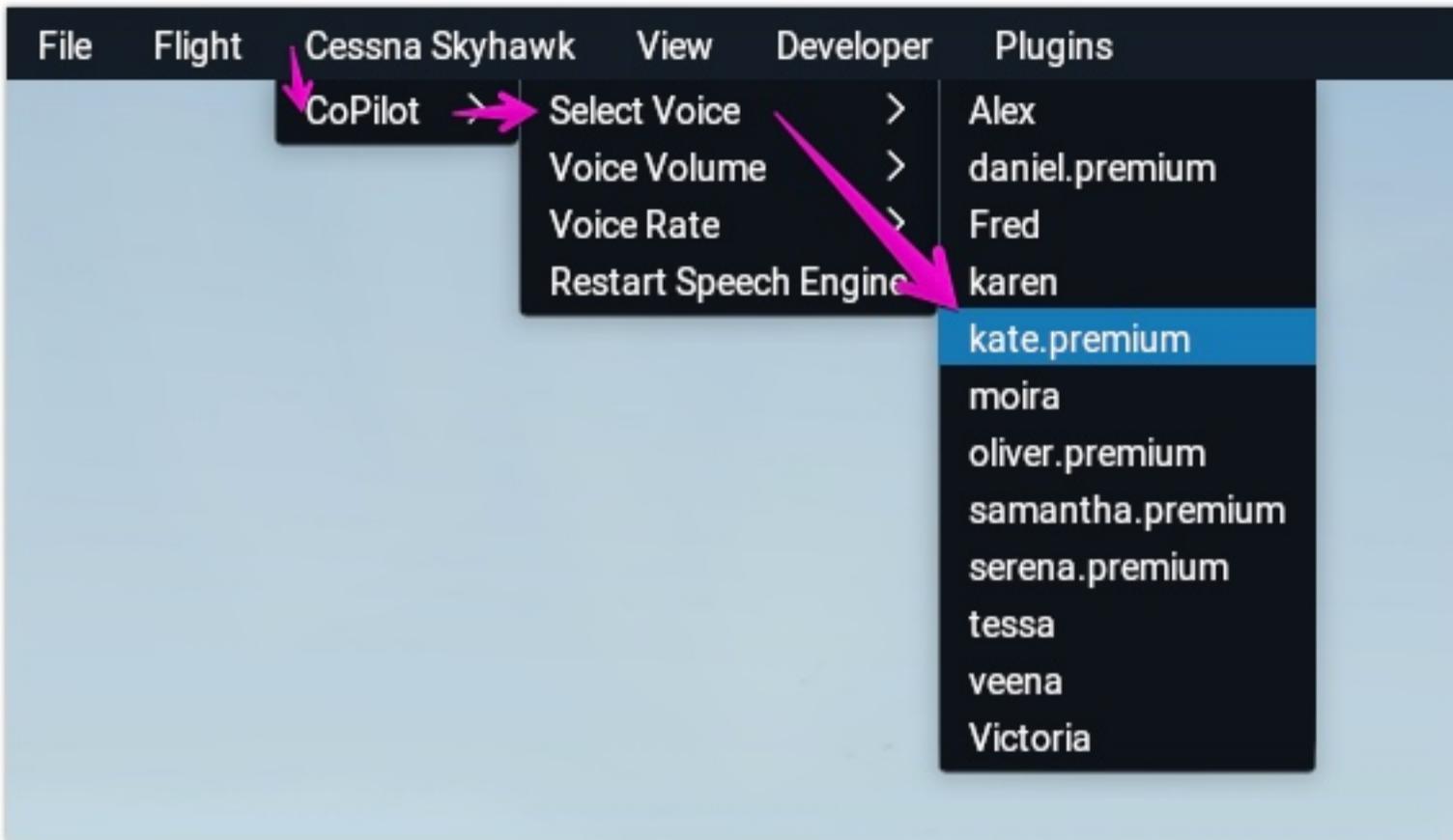


If you prefer voice control, you need setup special joystick (sure, keyboard may be used too) button to jd/CommandRec.



You may look at CoPilot, hold this joystick button and say something like "Hello!" Typical pattern - press the button, say the text, release the button.

You can change speech parameters using Menu, like this:



CoPilot widget have movable area ("MOVABLE" text in grey color) - You may use it to change widget position on the screen.



HOW TO KNOW WHAT COMMANDS MAY BE USED

1. Use Menu -> CoPilot -> Commands to see full list of commands what may be activated by voice, by this menu or by widget menu.



Widget may show you a shortlist of commands for actual flight phase. Sure, any command may be used in any time by menu or by voice input. You may show and hide widget using this command (assign it to your keyboard or joystick):

HOW TO UNINSTALL PLUGIN

1. Run X-Plane and load JD340-600. Select upper aircraft MENU -> CoPilot -> Uninstall CoPilot.
2. Delete "copilot_main" and "copilot_speech" folders from "../ToLissA340/plugins/" folder

PRODUCT WEBPAGE:

<http://www.jardesign.org>

SUPPORT

<http://www.support.jardesign.org>