

# CoPilot plugin for ToLiss A319

## (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, Limited)



# LICENSE AGREEMENT

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

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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.
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, three options are listed: '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 visible.
- Microphone**: Set up your mic for speech recognition. A button labeled 'Get started' is visible.

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 Windows Settings application window. On the left, the 'Settings' title bar is circled in pink. Below it, the 'Home' icon is visible. A search bar contains the text 'Find a setting'. Under the 'Ease of Access' section, the 'Interaction' category is highlighted with a pink bar, and the 'Speech' option is selected with a pink bar and a pink arrow pointing to it. A pink arrow also points from the 'Speech' option to the 'Turn on Speech Recognition' toggle switch on the right, which is currently turned 'On'. The right side of the window displays the 'Speech' settings page, including a description, instructions for using dictation, a link for more information, and a list of supported languages.

**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

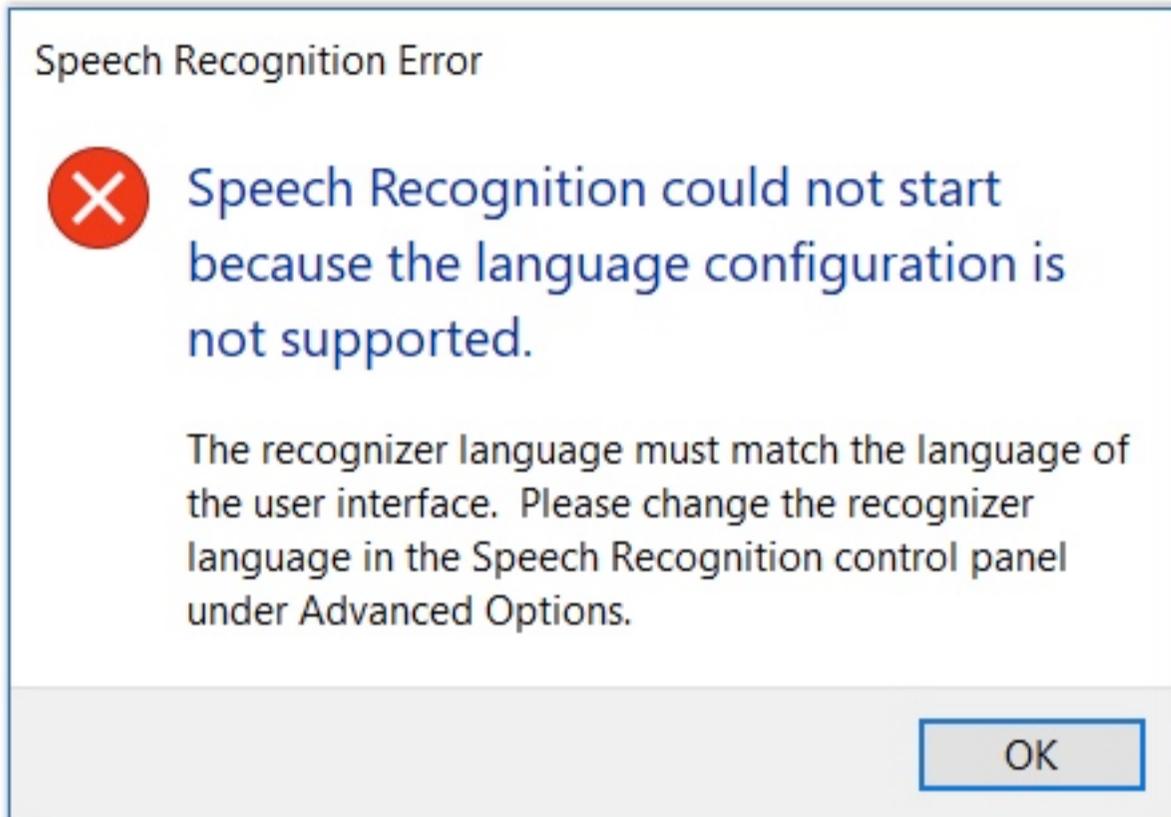
Turn on Speech Recognition

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.

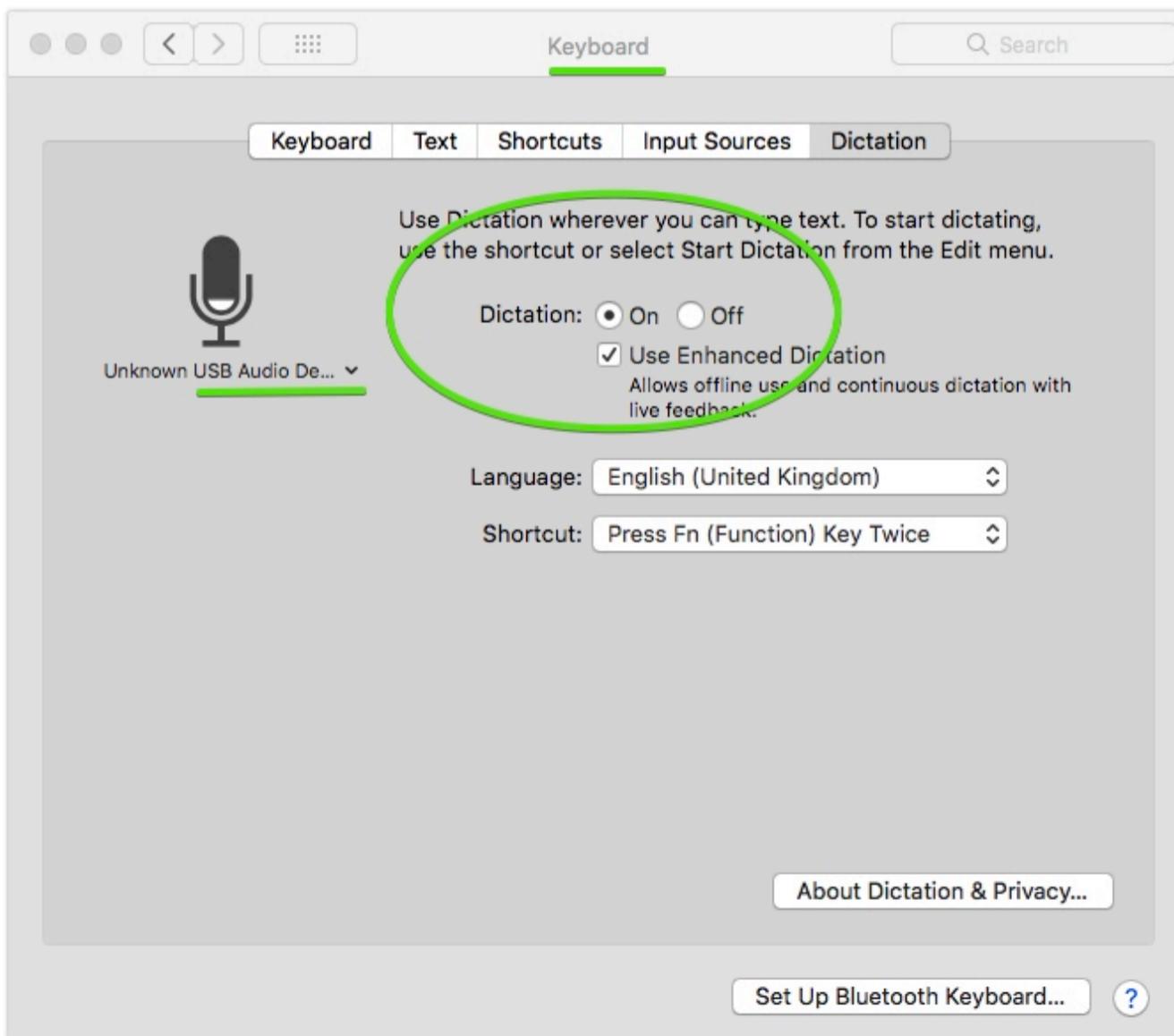
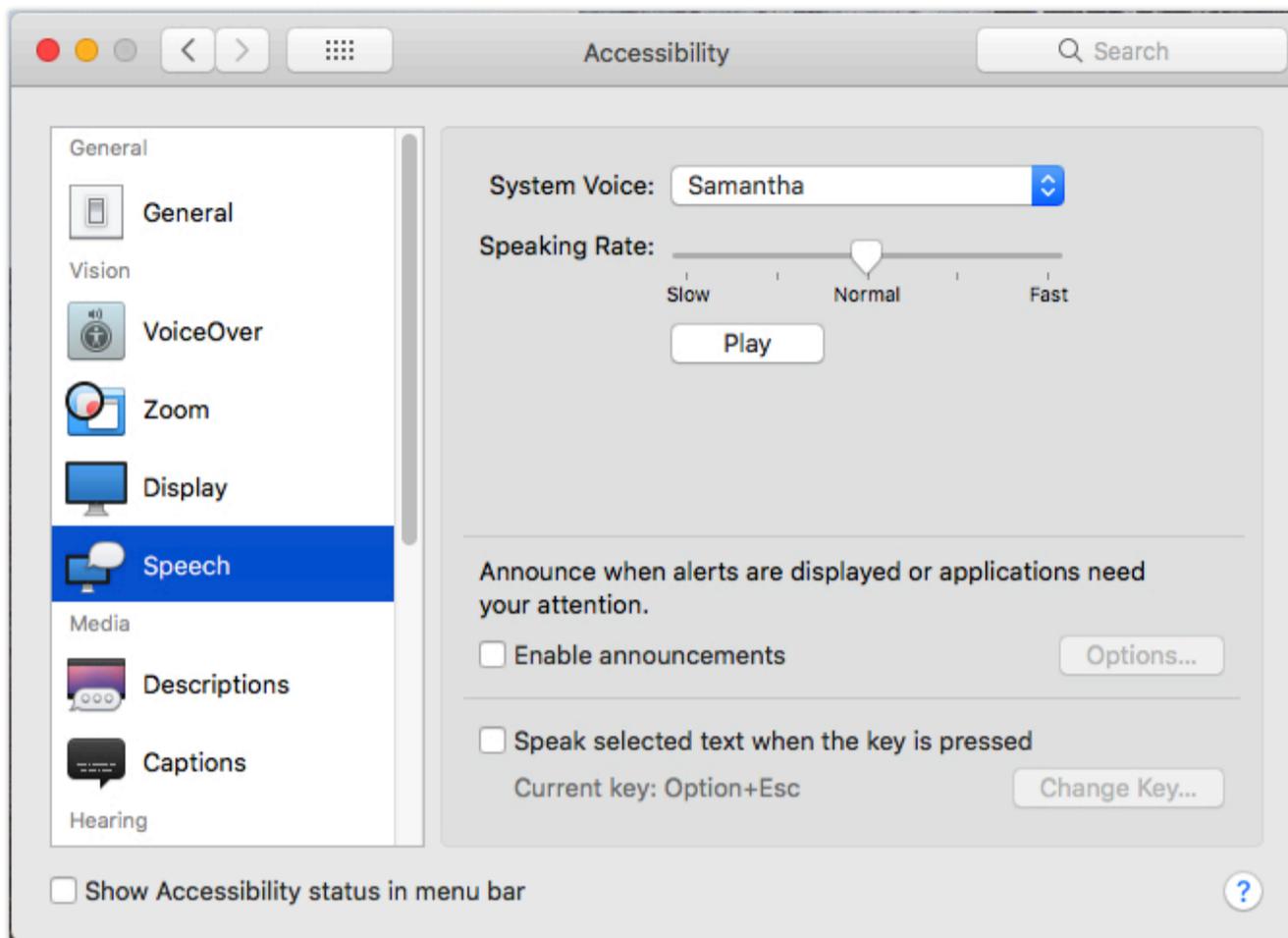
If you will get this error, you need setup English as user interface language (Windows display language) and English as your recognition language (language you speak with your device) and reload computer.



**Please use this basic manual if need:**

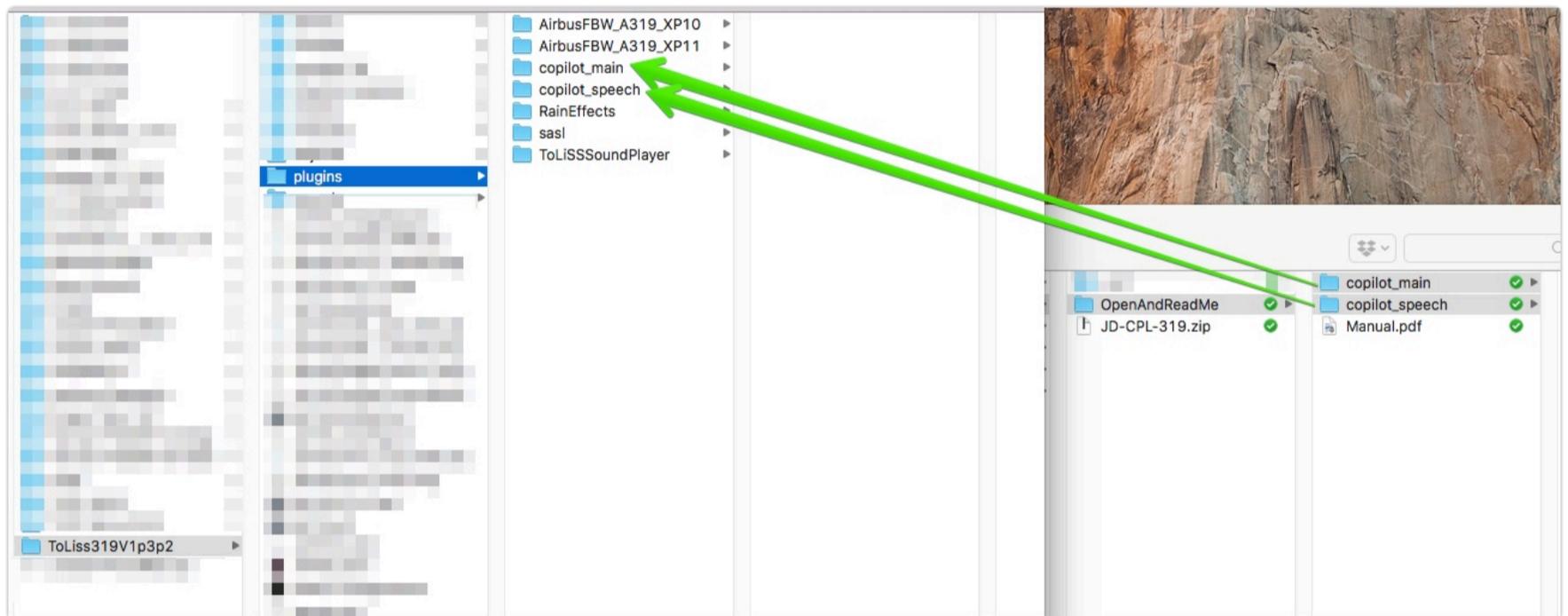
<https://www.windowcentral.com/how-set-speech-recognition-windows-10>

# SETUP SPEECH / RECOGNITION (MAC OS)



## INSTALL PLUGIN

1. Find your aircraft ToLiss A319 plugins folder inside ../X-Plane\_12/Aircraft/ToLiss\_A319/plugins/ or path like this.
2. UnZip copilot distributive and Put "copilot\_main" and "copilot\_speech" folders from your ZIP pack to "../ToLiss\_A319/plugins/" folder



3. Run X-Plane and load ToLiss\_A319. Select "Setup" to complete installation. ACF file will be update. Backup copy of original file will create "a319.acf.backup"
4. Reload aircraft



## HARDWARE 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.

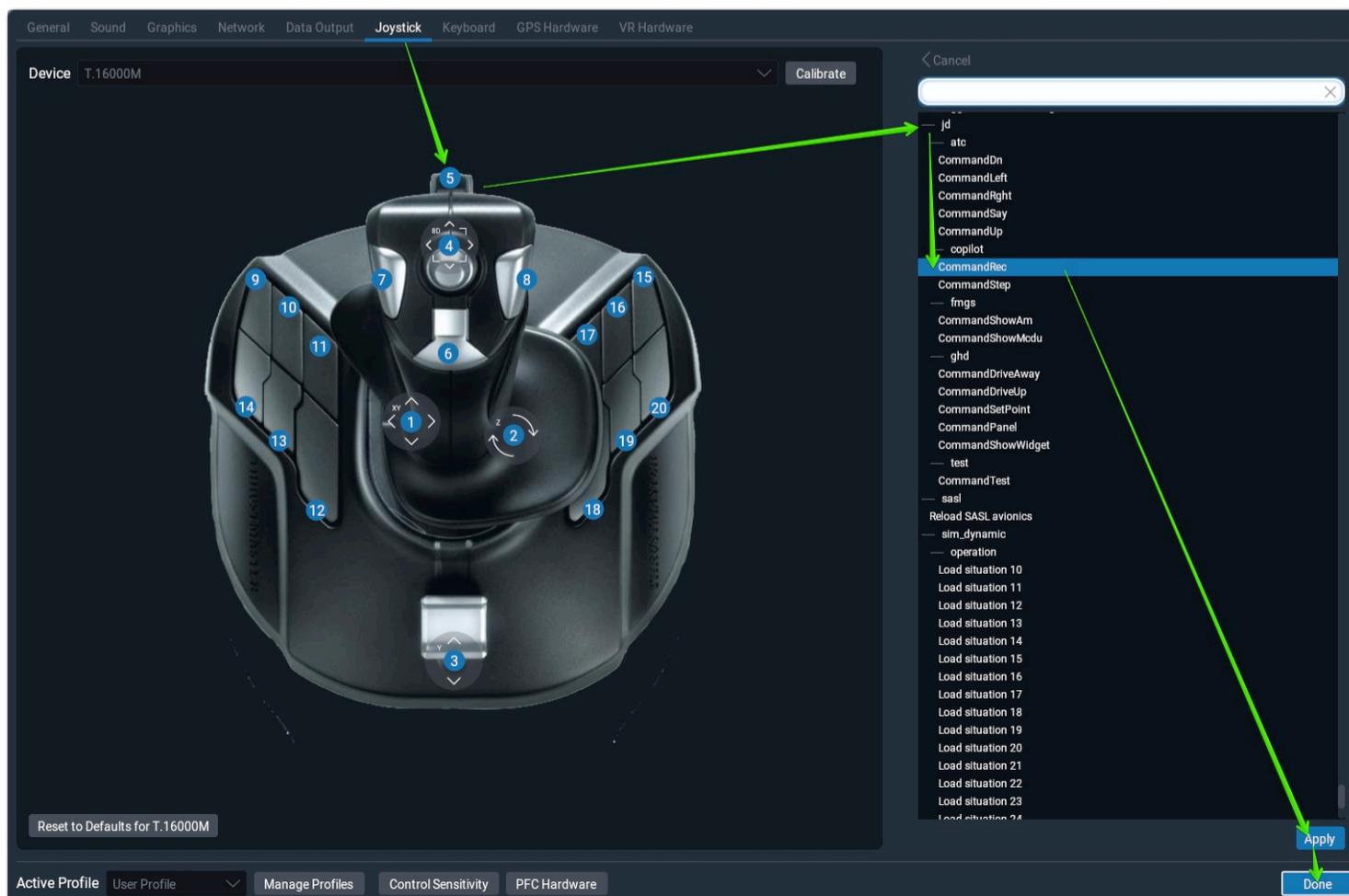
For mouse click input - **You need** setup your Windows/MACOS speech settings only and skip voice recognition setup.

# 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.

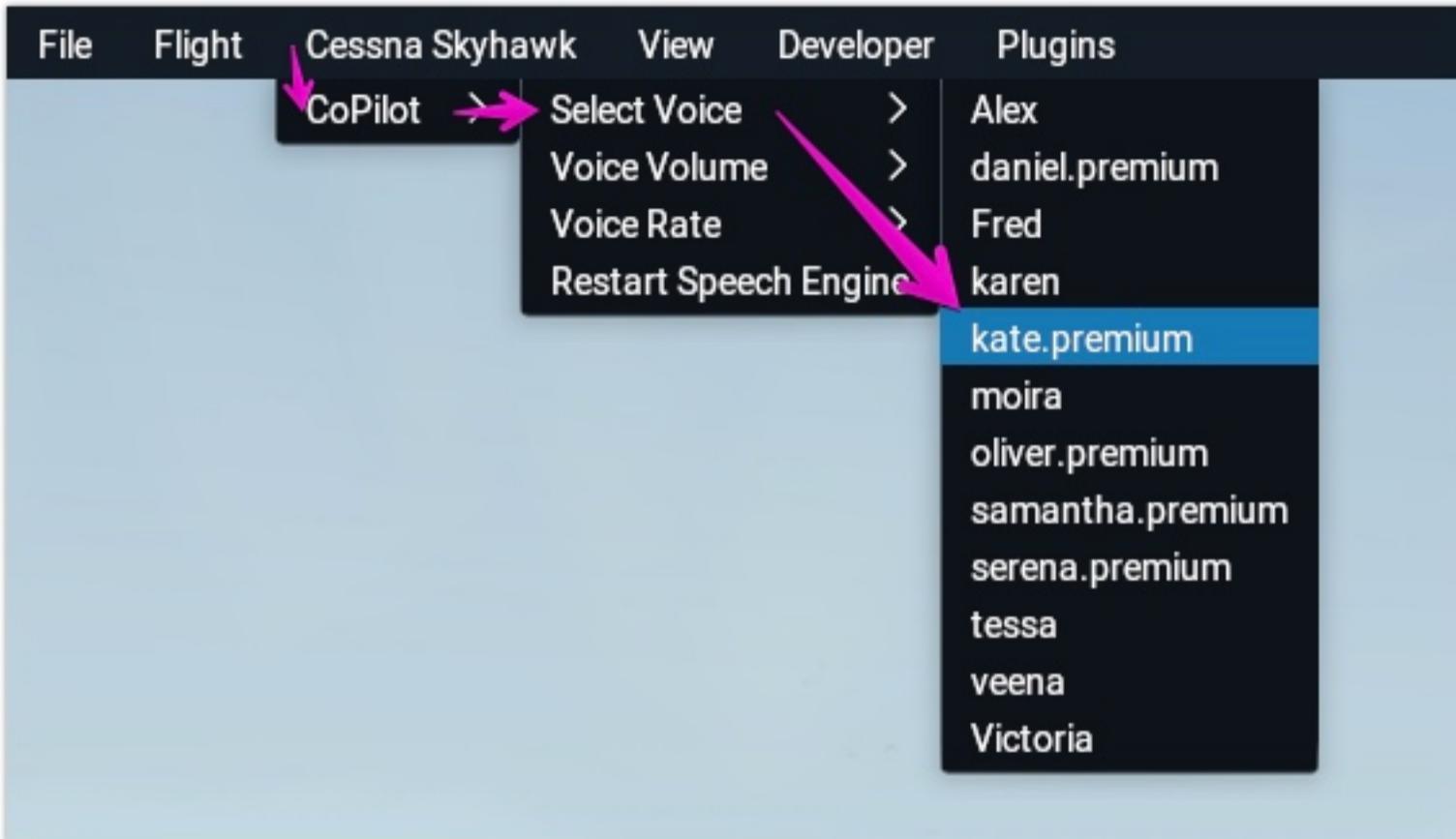


If you prefer voice control, you need setup special joystick (sure, keyboard may be used too) button to jd/CommandRec.



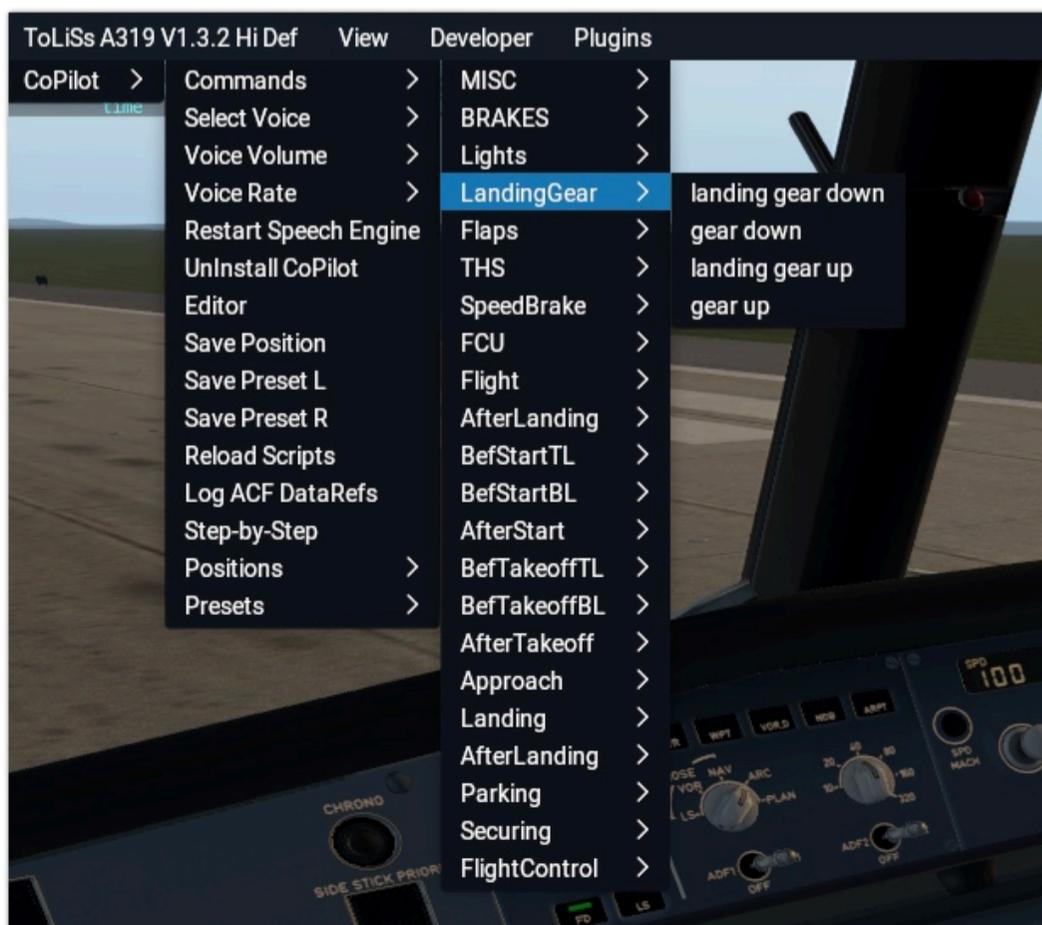
You may look at CoPilot, hold this joystick button and say something like "Hello!" Typical pattern - press the button, say the text, release the button.

You can change speech parameters using Menu, like this:



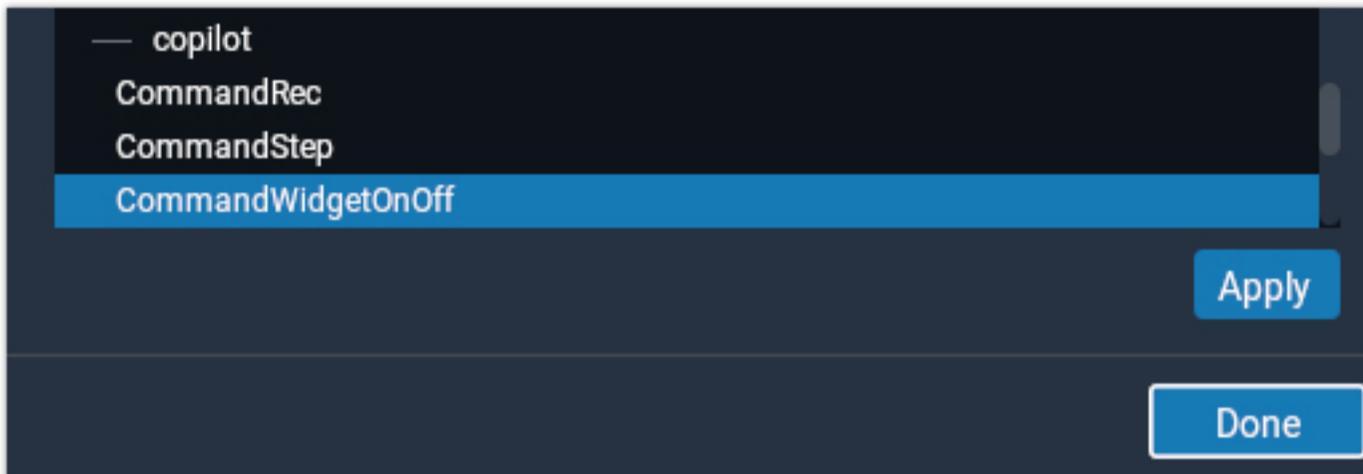
## HOW TO KNOW WHAT COMMANDS MAY BE USED

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

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):



You may change widget position using "MOVABLE" zone:



## HOW TO UNINSTALL PLUGIN

1. Use Menu -> Ininstall CoPilot. Reload aircraft. CoPilot not work more.
2. Delete "copilot\_main" and "copilot\_speech" folders from "../ToLiss\_A319/plugins/" folder

### PRODUCT WEBPAGE:

<http://www.jardesign.org>

### SUPPORT

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

