

CoPilot addon for "PMDG 737-800 for MSFS"

(how to Install and Use)

features:

- + MSFS2020 compatible
- + PMDG 737-800 for MSFS compatible
- + Windows 10/11 compatible
- + animated 3d CoPilot model
- + can recognize and execute voice/widget commands
- + can speak with you
- + can read checklists
- + operate with Events (based on flight parameters and situation)
- + execute SOP (Normal Procedures)



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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4. The Software may include portions offered on terms in addition to those set out here, as set out in a license accompanying those portions.
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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SkyCatsLab does not warrant or assume responsibility for the accuracy or completeness of any information, text, graphics, links or other items contained within the Software.

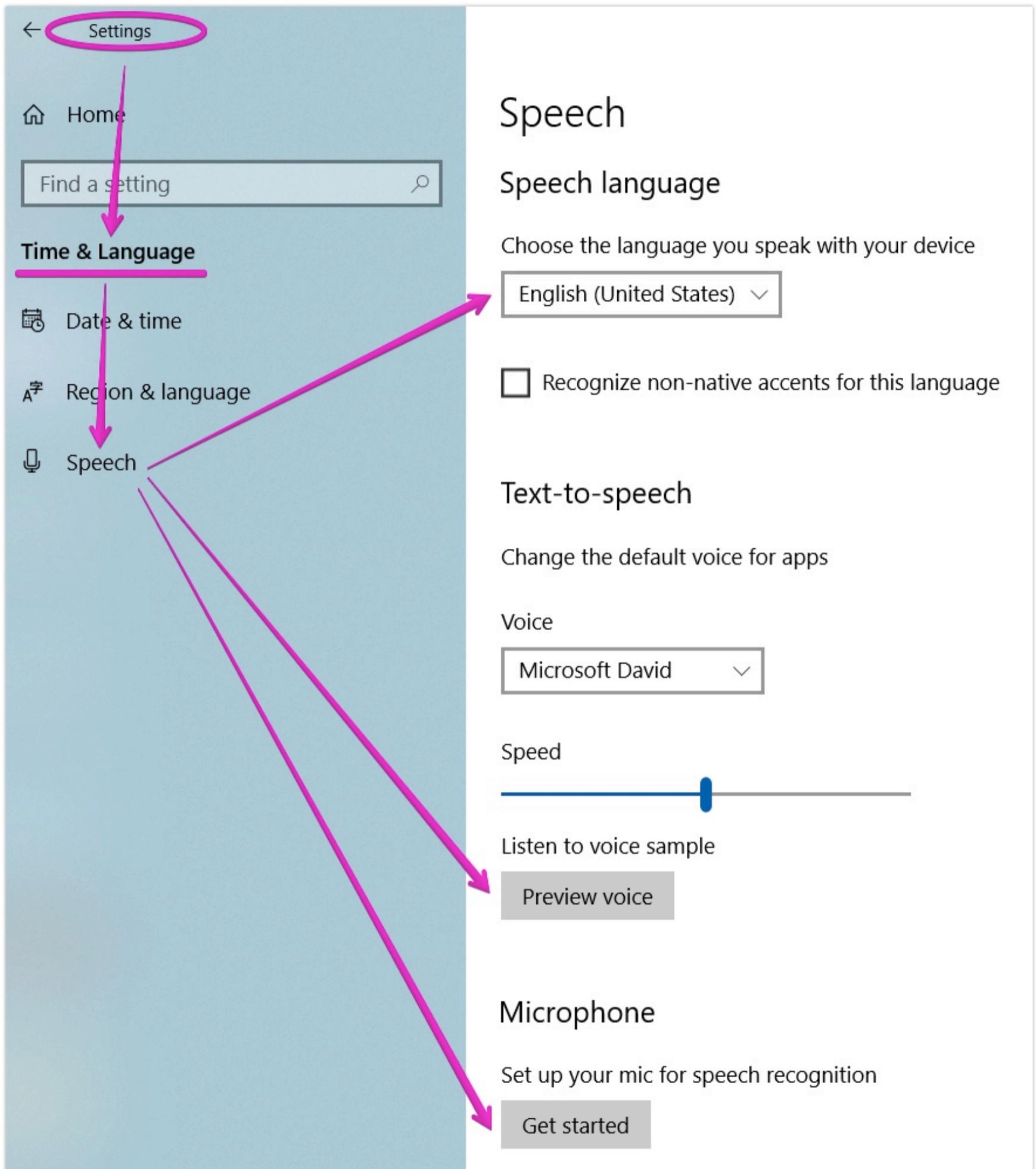
Additional info Regarding .dll files usage - see License.txt file in "skycatslab-copilot" folder.

STEP-BY-STEP

1. Setup speech/recognition engine at your computer (read below)
2. Copy CoPilot plugin files to your "Community" folder (read below)
3. Load aircraft and setup copilot usage (read below)
4. Load PMDG 737-800 with special livery. 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



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.

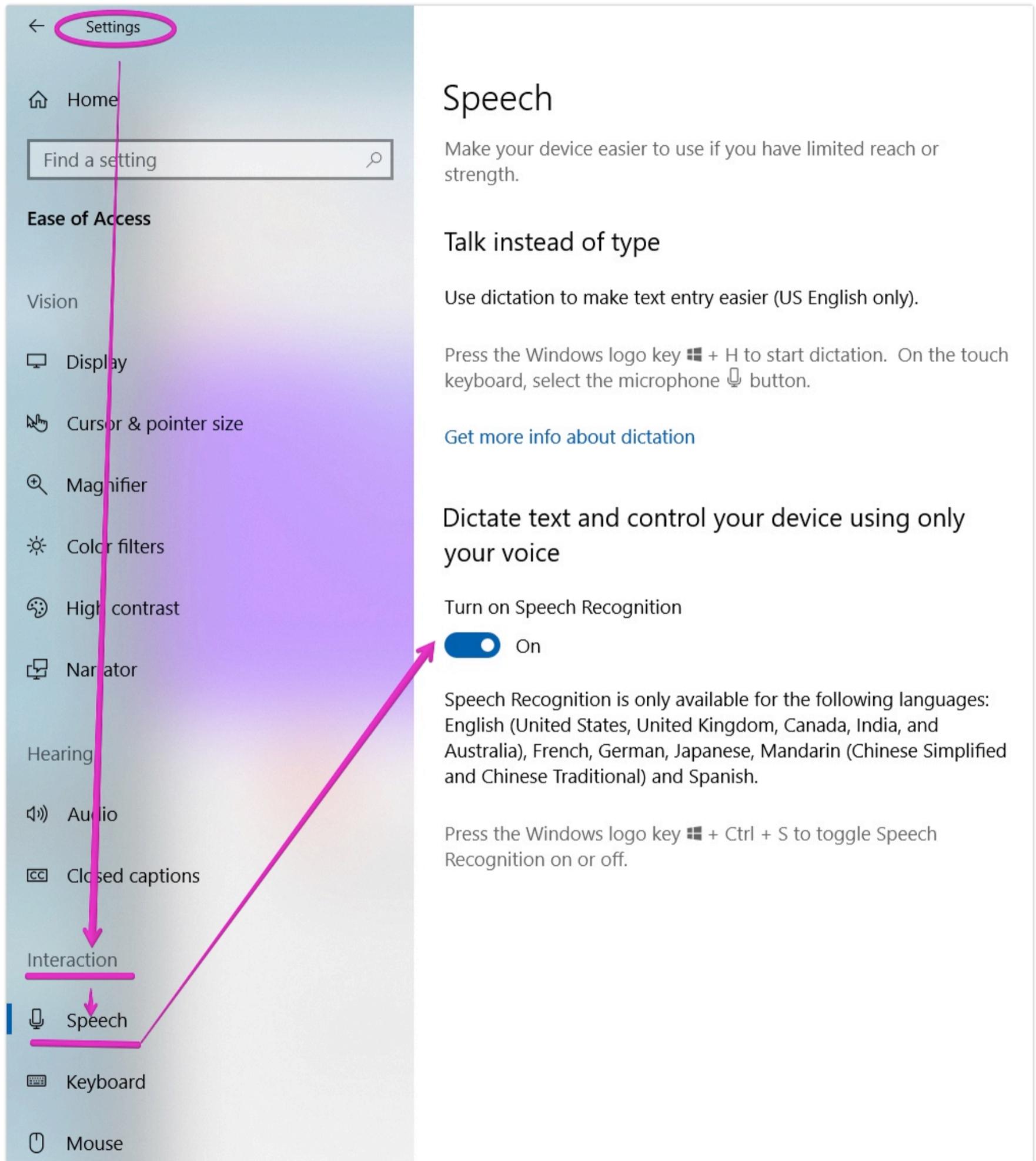
+ Add a language

English (United States)
Windows display language

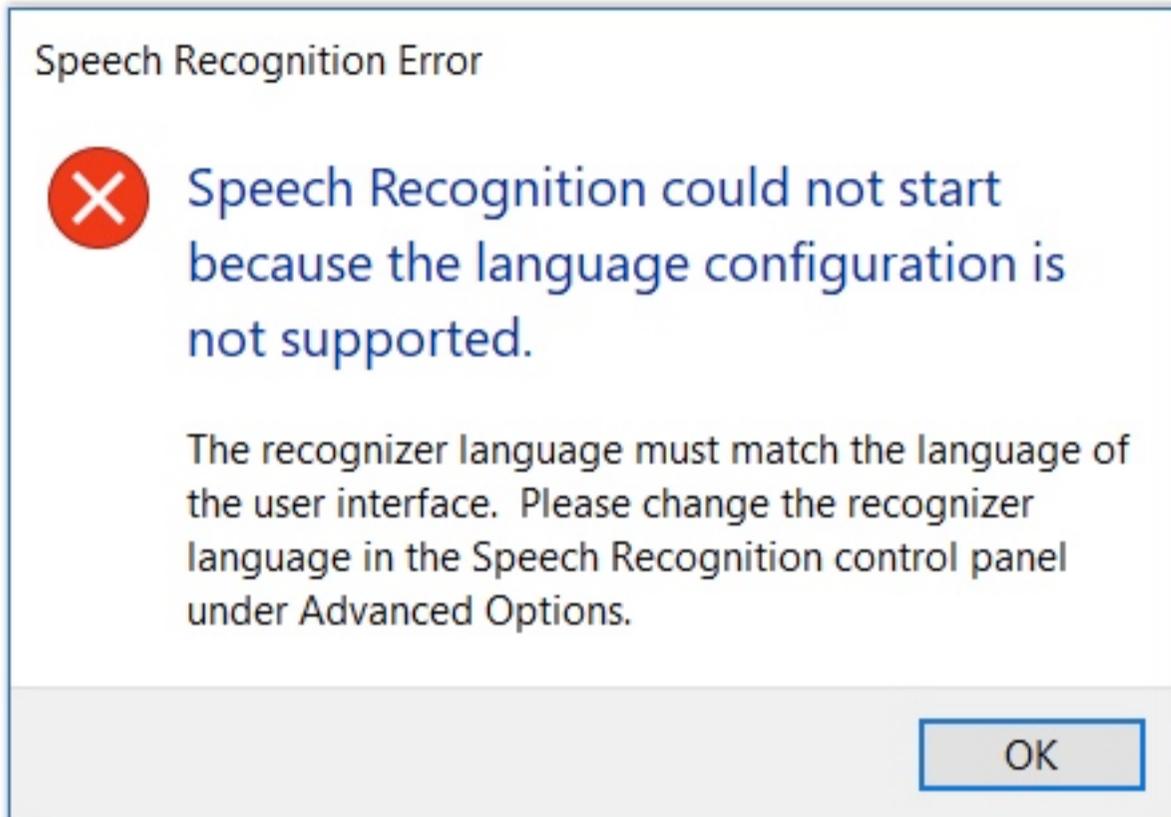
Русский
Language pack installed

Add English if not exist

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



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.



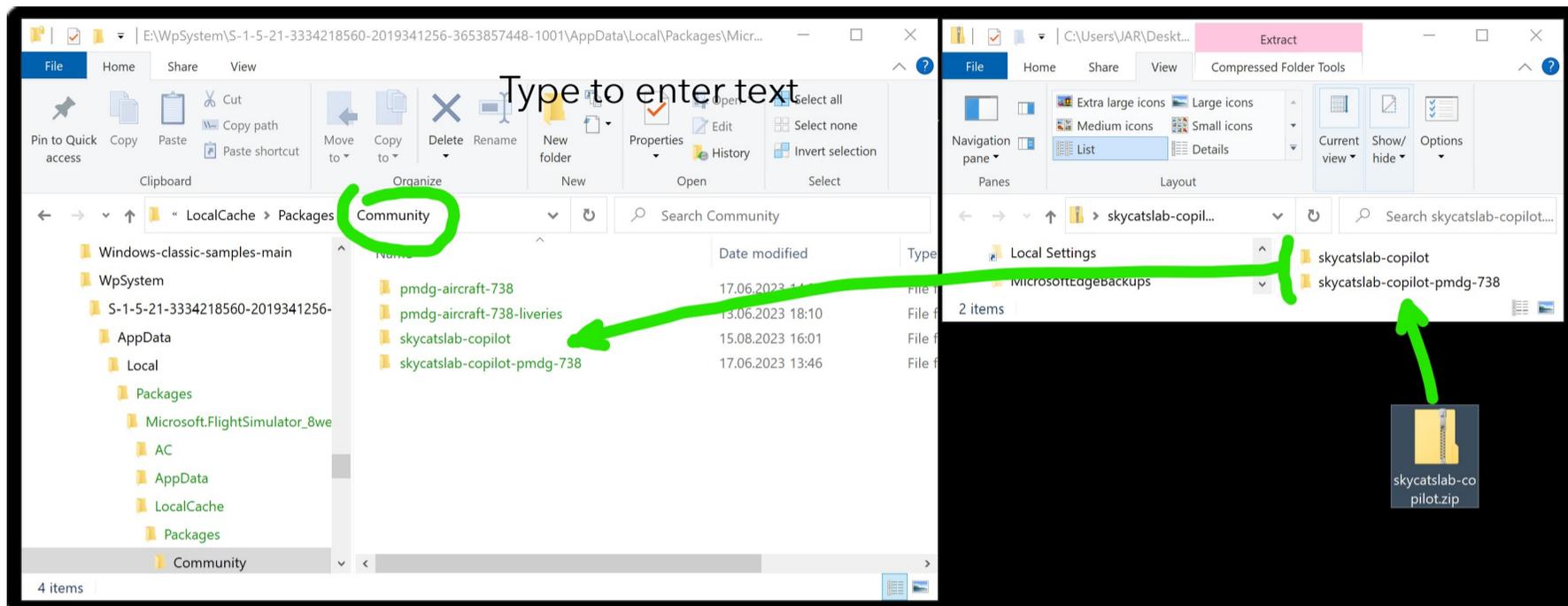
Please use this basic manual if need:

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

INSTALLATION

1. Find your "Community" folder.

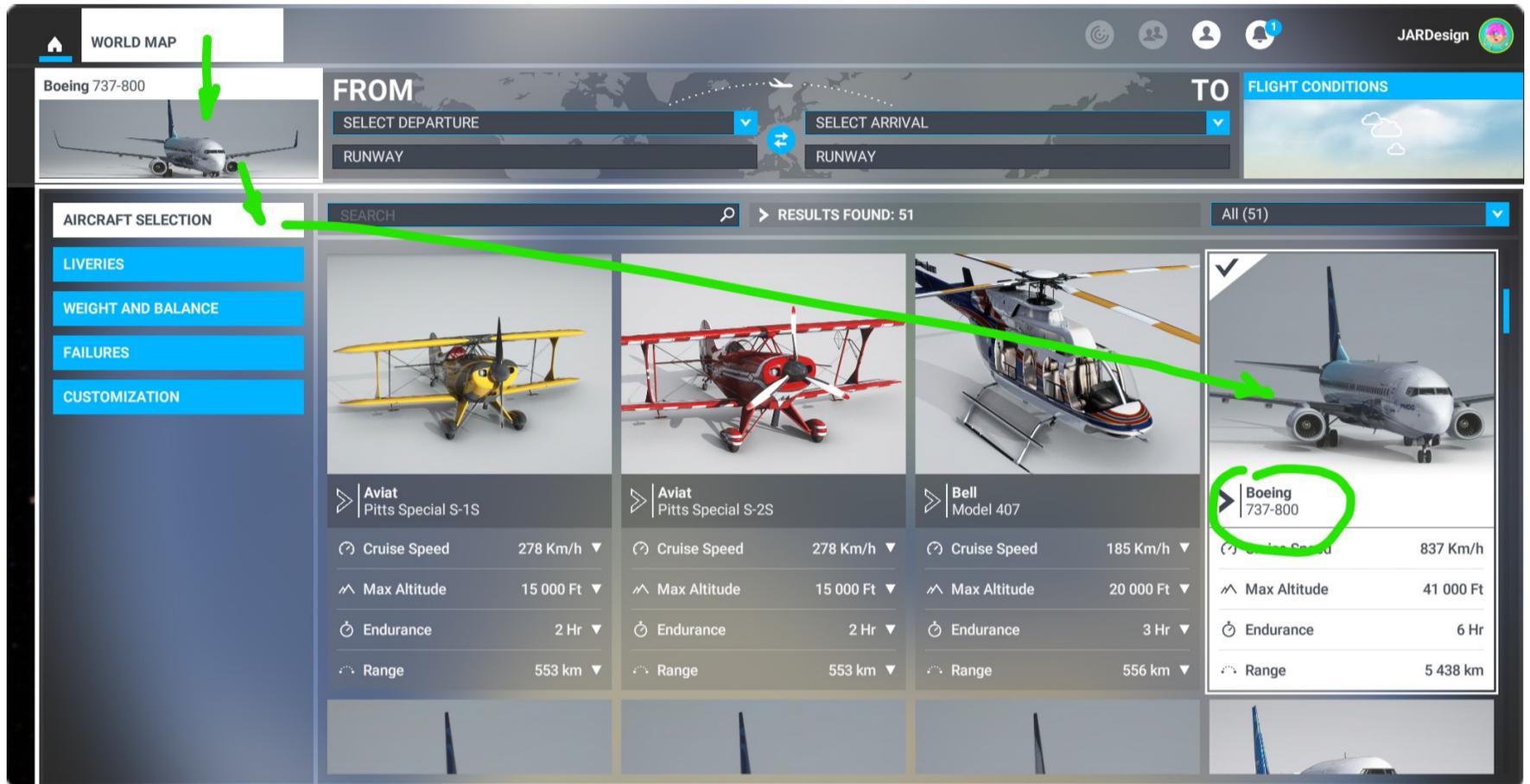
2. UnZip copilot distributive and put all folders from ZIP pack to "Community" folder.



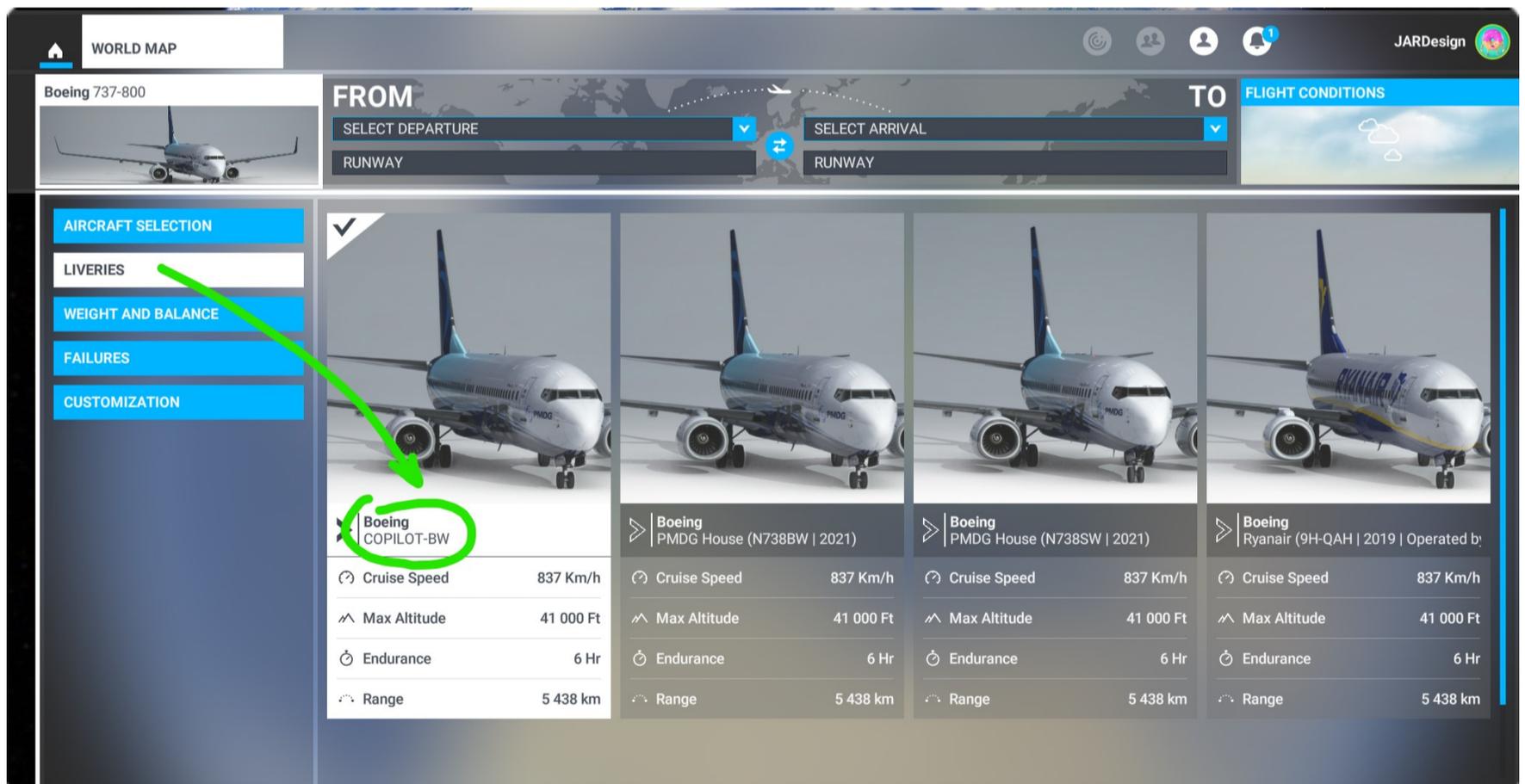
3. Run MSFS2020, open Options->General Options->MISC and set COPILOT_LINDA as CO-PILOT AVATAR.



4. Go to WORLD MAP -> AIRCRAFT SELECTION and select PMDG 737-800 model



5. Go to LIVERIES selection and select special COPILOT livery.

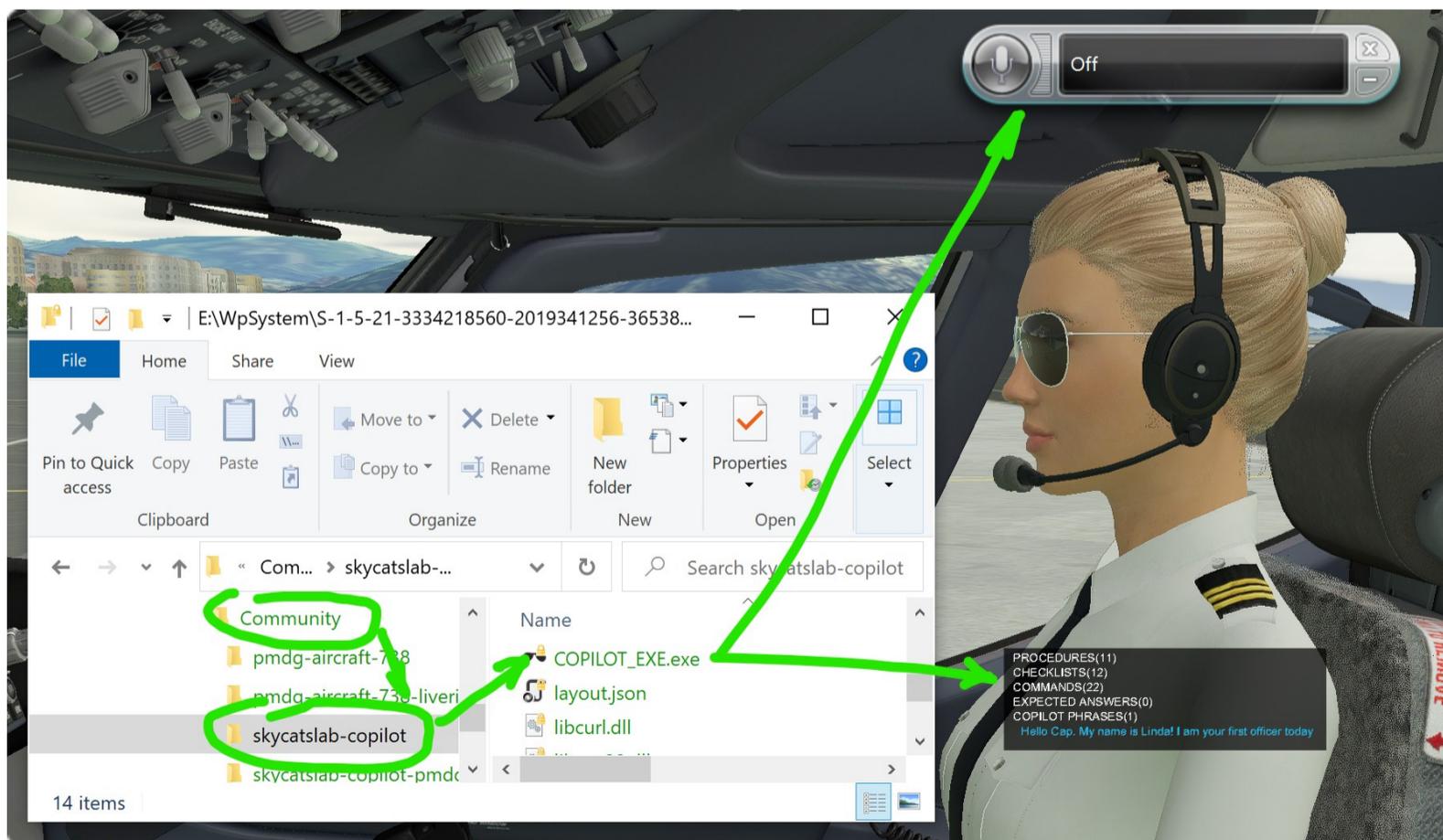


6. Load selected aircraft with selected livery and you should see copilot object in copilot seat.



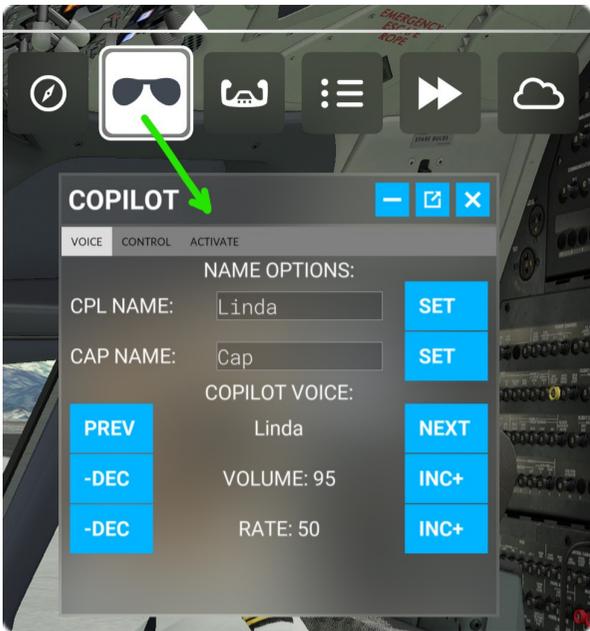
7. RUN EXE FILE as Administrator

Without COPILOT_EXE file running, Linda will just seat in the cockpit with some moving and pose changes. To make it alive you need run .exe file. Please open “../Community/skycatslab-copilot/” folder, find and run COPILOT_EXE file there and back to simulator.



You will see speech recognition widget and copilot operation widget.

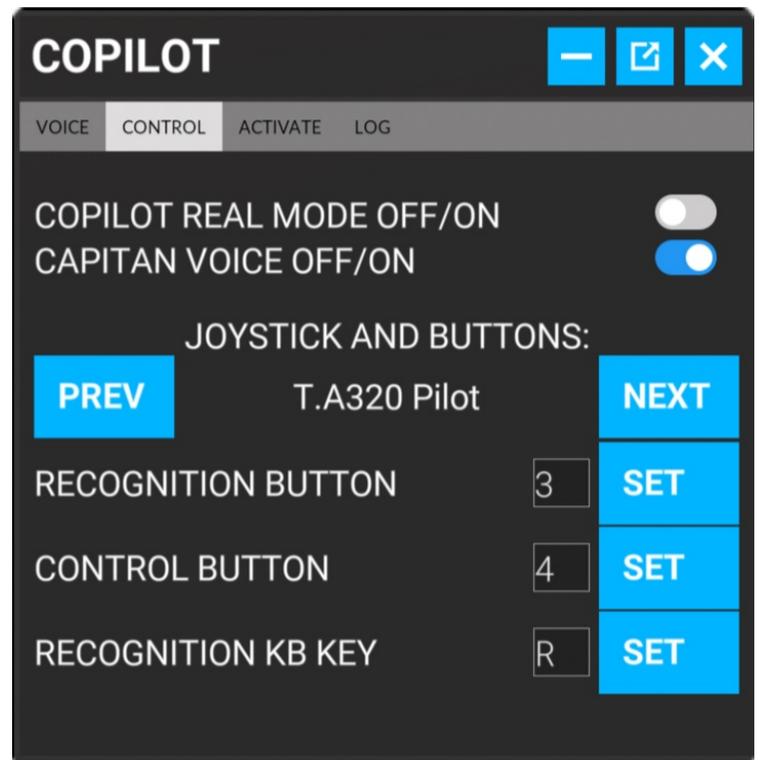
TOOLBAR USAGE



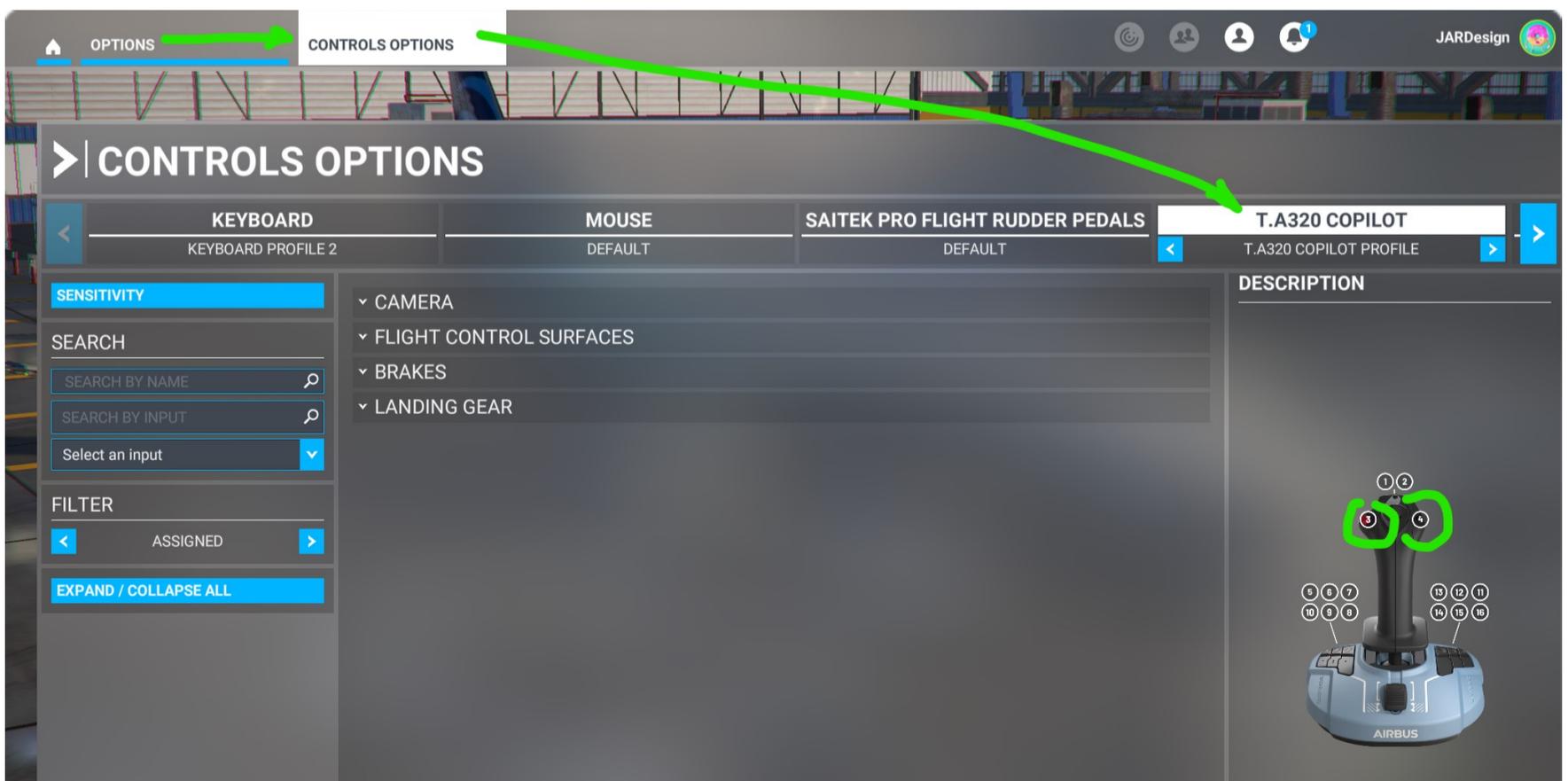
Click on copilot icon to open settings and activation tabs:
VOICE > CONTROL > ACTIVATE.

On VOICE tab you may Copilot name, Your name, Copilot voice, Copilot volume and Copilot speech speed (Rate). Please click "SET" button to confirm name input.

On CONTROL tab you may switch copilot widget Off if you really not need it (use voice input only). You may select copilot "Real" option On or Off. The "Real" mode option allows the user to perform some procedures on their own, as well as fuel supply when starting the engine - this corresponds to more real procedures. You may find the list of the "Real" mode features some below.



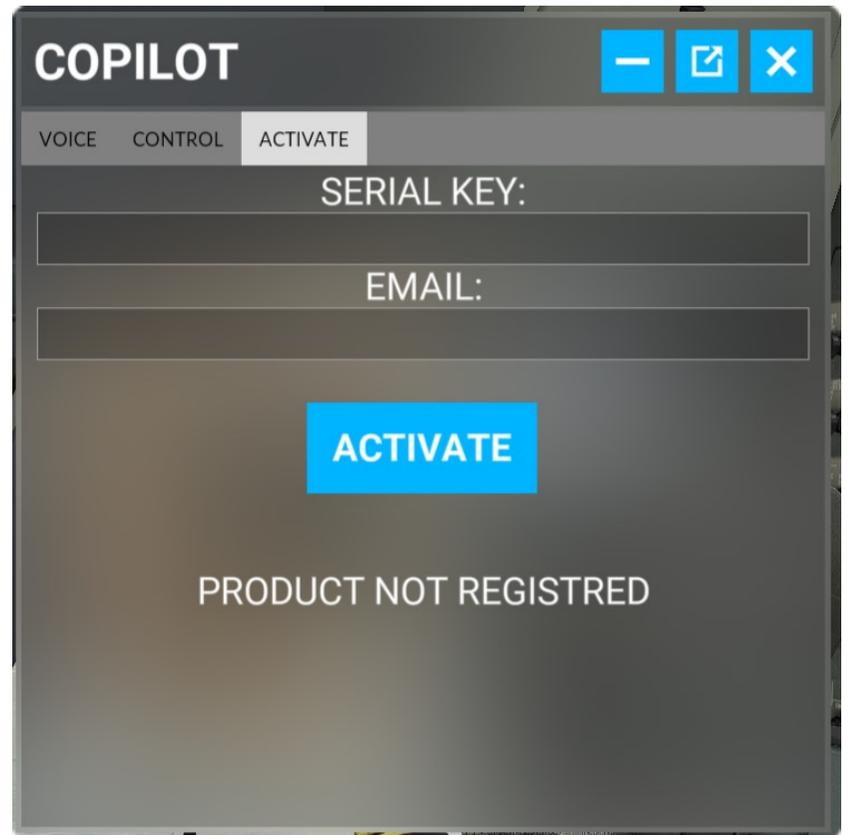
Also, on CONTROL tab you may Select keyboard key for user voice recognition, select joystick, joystick button for voice recognition and joystick button for copilot widget operation (select and confirm selected text input). On this example as recognition was selected button No3 and button No4.



REAL MODE feature

1. Electrical power up procedure - Captain or First Officer(Normal mod)
2. Preliminary Preflight Procedure - Captain or First Officer(Normal mod)
3. Preflight Procedure - Captain(Normal mod)
4. Preflight Procedure - First Officer(Normal mod) The Captain normally does this procedure(Real mod)
5. Before Start Procedure - Captain or First Officer(Normal mod)
6. Engine Start Procedure -First Officer does this procedure(Normal mod) The Captain normally does fuel flow(Real mod)
7. Before Taxi Procedure - Captain(Normal mod)
8. Before Taxi Procedure - First Officer(Normal mod)
9. Taxi Procedure - Captain or First Officer(Normal mod)
10. Descent Procedure - Captain(Normal mod)
11. Descent Procedure - First Officer(Normal mod)
12. After Landing Procedure - Captain(Normal mod)
13. After Landing Procedure - First Officer(Normal mod) Co-pilot does not release speedbrakes(Real mod)
14. Shutdown Procedure - Captain(Normal mod)
15. Shutdown Procedure - First Officer(Normal mod)
16. Secure Procedure - Captain(Normal mod)
17. Secure Procedure - First Office(Normal mod)

On ACTIVATE tab you may enter your serial key and email, click on ACTIVATE button and some later (up to one minute) you will get activation message. Non-activated addon work in DEMO mode - all functions work until you on the ground. To operate copilot during flight you need activate it with payware serial key. Ctrl+C working there.



WIDGETs USAGE

For voice input - **You need** to have microphone or headset. Speech recognition should be setup and checked on your Windows settings before copilot addon installation.

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

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. 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.



HOW TO UNINSTALL ADDON

1. Find your "Community" folder.
2. Delete all skycatslab-copilot folders from "Community" folder.

PRODUCT WEBPAGE

skycatslab.com

SUPPORT / CONTACTS

skycatslab.com

TRADEMARKS

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Annex 1. Minimum 737-800 CDU preparation CoPilot will ask/ expect to be done:

- 1.Press L1 (FMC)
- 2.Press R6 (POS INIT)
- 3.Press knob (NEXT PAGE)
- 4.Press L4 or L5 (Copy coordinates)
- 5.Past R4 and press R6 (ROUTE)
- 6.Enter L1 ICAO code airport departure (ORIGIN) and R1 ICAO code airport arrival (DEST)
- 7.Pres (NEXT PAGE)
- 8.Enter Waypoints R(1..5) and vai L(1..5) and press R6 (ACTIVATE)
- 9.Press button (DEP ARR) and select departure and arrival
- 10.Select runway and SID for departure
- 11.Select runway and start and transition for arrival
- 12.Press cnobe (RTE) and press R6 (PERF INIT)
- 13.Enter performance data, ZFW,RESERVES,COST INDEX,Flight level,TRANS ALT and press EXECUTE
- 14.Pres R6 (N1 LIMIT)
- 15.Reduce takeoff thrust or leave at default and press R6 (TAKEOFF)
- 16.Enter takeoff data, flaps configuration, center of gravity, takeoff speeds and press EXECUTE











