Immersive Aviation Command List

by
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Introduction

I've tried to build this profile to be as intuitive as possible to make learning how to issue commands as easy as possible. That being said, some of this is subject to revision as this is currently on v1.0 Beta. There will be more streamlining to come, as well as many, many more options in the coming weeks and months as detailed in the Installation documentation.

When learning Voice Attack just take your time, and learn how to control one plane at a time.

Please consider supporting my work by subscribing to my Youtube channel or donating/tipping me for my time:

Youtube: [Virtual Voyagers Youtube](#)

Discord: https://discord.gg/WSH6xzX

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Upcoming and Developing Features

This project ballooned out of control. I knew it was going to be a lot to take on as my first flight sim, but in reality I am only halfway done, if not less, with everything I want to include in this mod!

Things still in development are:

- Second, male voice option for use with voice attack. All the same commands, but just a males voice instead of female.
- Once I have fully fleshed out checklists and autopilot routines, there will be separate profiles you can load through Voice Attack for each plane, and you should be able to do this just using a command from within Voice Attack such as "Set profile TBM". Right now you must use the commands specific to the two partially supported planes. I plan to fully support 6 planes for autopilot and checklist routines for my 1.0 full release.

Things I have planned after full release are:

- Full checklist support for every aircraft from takeoff to landing
- Full autopilot support for every aircraft, meaning you can have your virtual copilot set all your autopilot settings for you once you are in the air specific to each aircrafts cruising altitudes and speeds
- In game banter with your copilot
- In game tutorials where you will sit in the copilot seat and the "captain" will teach you about the plane
- Support for all planes in the game (currently this mod only works with the 20 base planes in the game).
- Full radio support for every major airport (probably based on planes if the options you get change with every plane, A LOT of work!). Right now radio functionality is limited to selecting options such as saying, choice 1, choice 2, etc… This is due to how the choices work, there is no intuitive way to always be able to ask for ground services for example when its position in the queue moves from 2, to 3, upto 9 at times. Same with many in flight requests, they sometimes change positions.

Voice Attack Commands

Voice attack has two main ways you can issue spoken commands. One is a direct command, the other is a Prefix-Suffix command. Every command with Voice Attack has to be manually entered, in other words it will not know you want to use a prefix if there is not an attendant suffix.

Direct Command Example:

Direct 1: Autopilot On; Turn On Autopilot; Engage Autopilot; Activate Autopilot

Direct 2: Autopilot Off; Turn Off Autopilot; Disengage Autopilot; Deactivate Autopilot

In this example all of these commands are direct commands. They do not have prefixes, and using prefixes will not work with them. Generally I have tried to follow a pattern when dealing with any set of commands, especially around similar functions. For example, if you can say activate to do something, then you can also say deactivate to stop it. Enable/Disable, Open/Close, etc... Here you have four ways to turn on and turn off Autopilot. You do not have to use opposites either. You can say "Turn On Autopilot" then later "Disengage Autopilot" and it will work all the same.

In MSFS2020 many commands have toggles, and are natively set as toggles. What I have opted to do is only allow toggles for non-essential commands that are not as important. Toggles work off a single Keybind, for example normally the "G" key is for landing gear, and hitting it toggles gear up and down. But landing gear is very important, you want to make sure you know exactly what state its in. Of course, visually confirming this is a good idea, but what Ive done with Voice Attack is set keybinds for both up and down with landing gear, so instead of a toggle, whenever you say "Landing Gear Up" it will always be UP, theres never a chance you say that and its actually toggling down, or worse yet, that you are landing and you accidently toggle it UP!

If this sounds confusing it really isn't. Most commands are easy to use. Almost all commands that have an on/off function for example can be activated and deactivated by just saying "Turn on" and "Turn off", even toggles. From your end you won't know the difference unless you look into the profile itself and see how I did things.

Eventually all commands will mostly be direct commands. However, in order to get basic functionality at a playable state Ive decided to let some commands remain toggles for now. Also, its a LOT of keys to bind, and I didnt want to make users bind 100 keys to begin with. Over time, those who use this profile will be able to add keybinds as I add them into the profile.

Hopefully eventually we will be able to download and share our keybinds as well, which will make this a LOT easier.

Prefix-Suffix Example:

Prefix: Open; Display; Show

Suffix: Map; Navlog; Checklist

In this case we have three potential prefixes, any of which can be used in combination with any of the three potential suffix. If you wanted to open in the in game VFR map, you could say "Open Map, Display Map or Show Map" and any of these three would give the same result.

Immersive Aviation Voice Commands

All commands will be listed in the order in which they appear in the "Controls" section of MSFS2020, and this also reflects the order in which they appear in the Voice Attack profile itself. I did this to make it easy for myself and others to find exactly what they are looking for. In this way, you can easily customize your profile to fit your needs or way of speaking.

Customizing the Profile

Its very easy to customize the profile. I will not get into all of Voice Attacks functionality, there is plenty of documentation on the Voice Attack forums and such to teach you how to do it. In terms of MSFS2020, it's basically a four step process.

Step 1: Decide what you want to customize. Open Voice Attack and click the icon in the upper right hand corner that looks like a pencil within a square "Edit Profile".

Step 2: Once you are on the edit a profile screen, at the very bottom you will see a box called list filter pictured below:
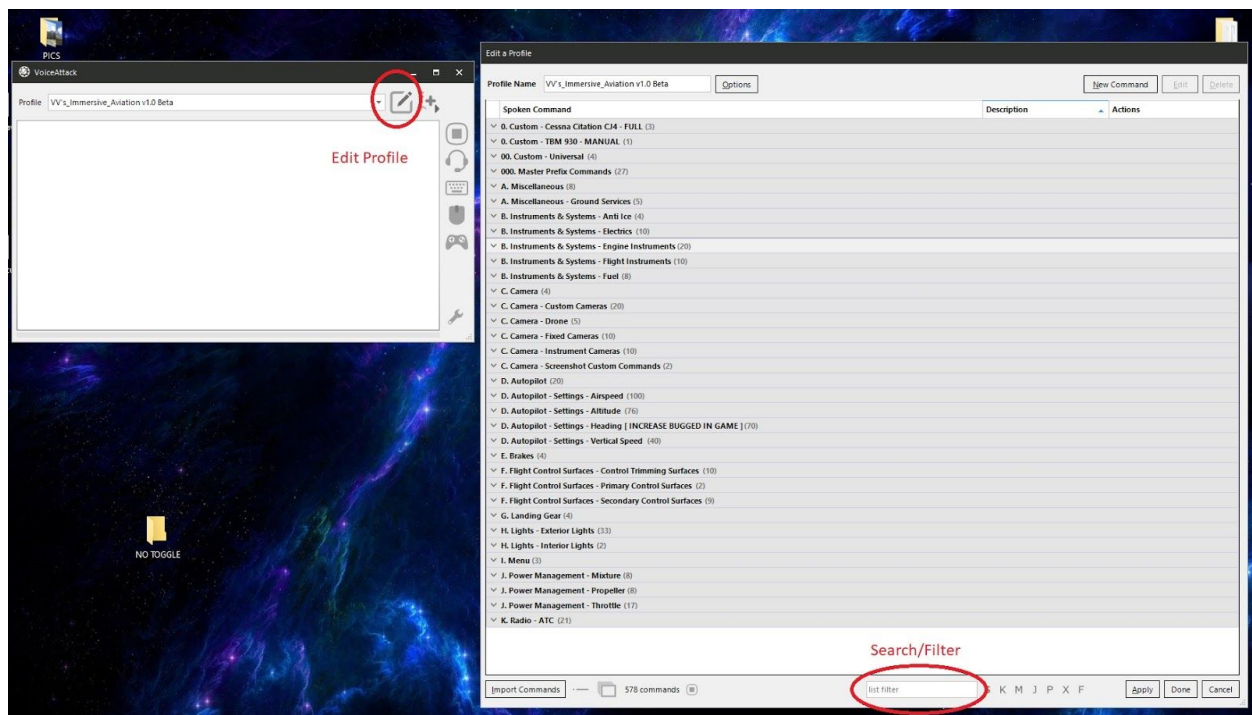
Step 3: In the list filter box, type the command you are looking for. It will narrow down your results and only show you the categories that contain commands with the word you are looking for, pictured below:
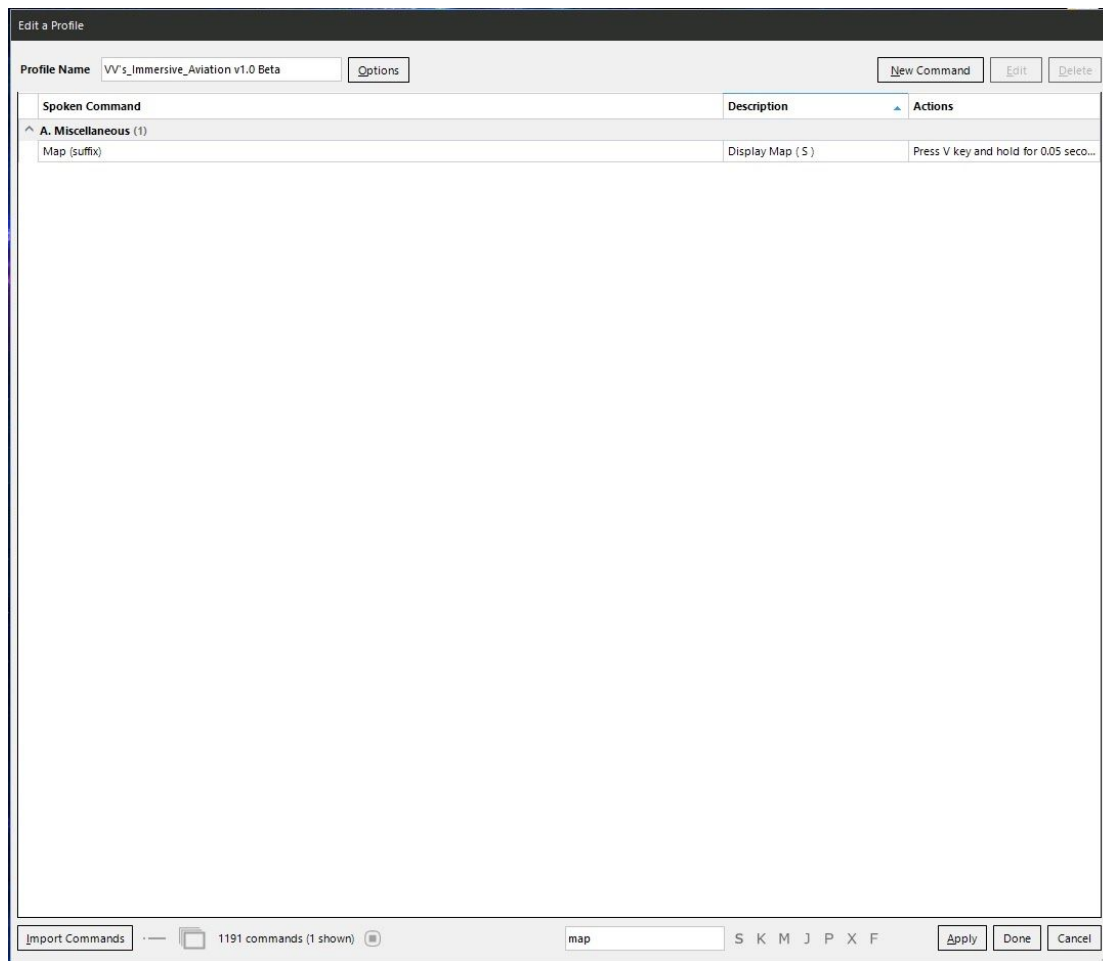
Step 4: Double click the command you want to edit. A new window will appear, pictured below.
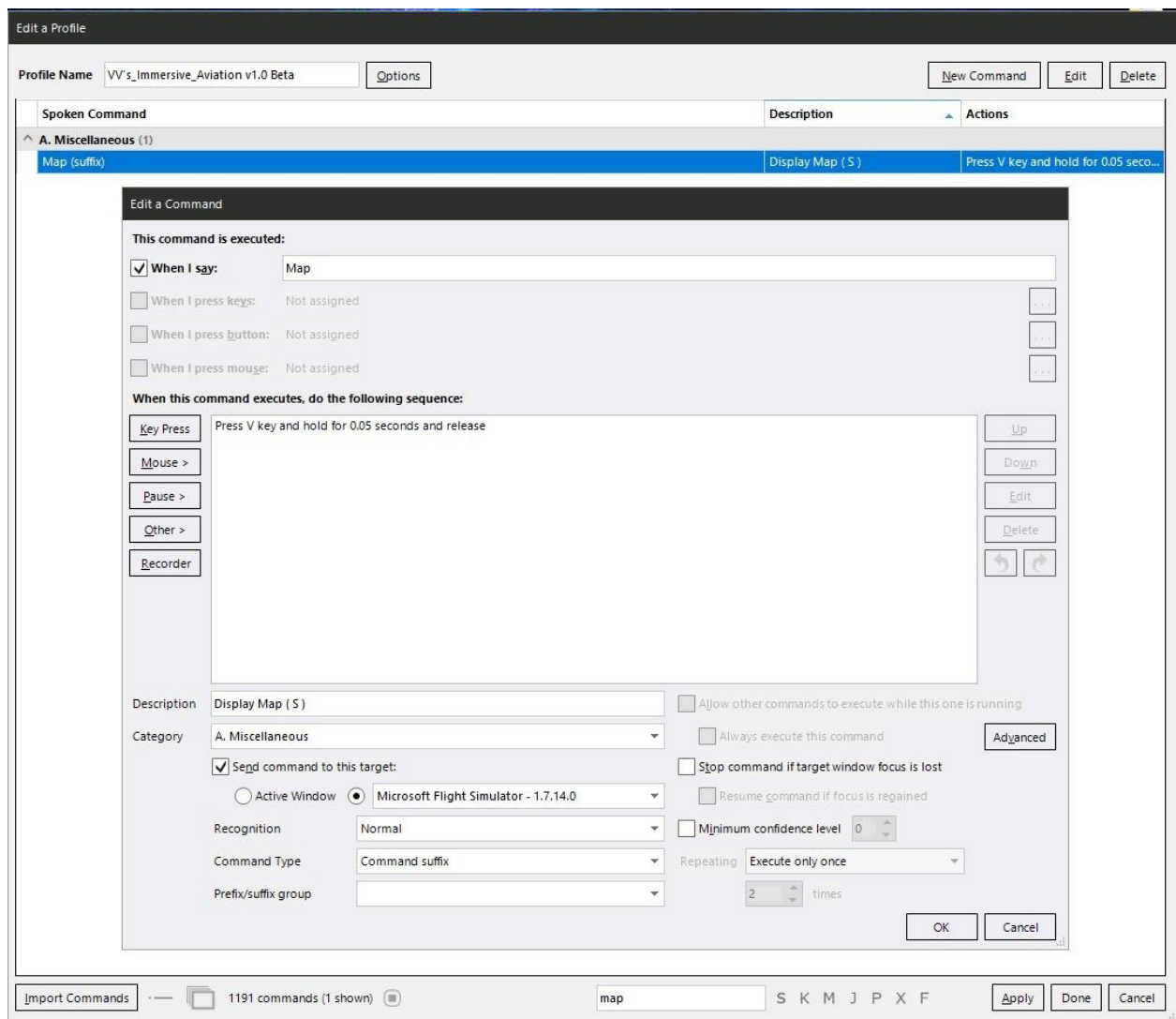
Step 5: To add voiced commands, you add them to the "When I say" line up top. The format is very simple. In order to add a command to our Map function, we place a semi-colon after Map, and then the next voice command we want to add, so it will look like this:

<p align="center">Map; GPS; VFR Map</p>

This would allow us to now say three different things to open the map. One thing to note is that Voice Attack sometimes only picks up on phonetic sounds and does not recognize acronyms, so for GPS we might also type Gee Pee Ess, and for VFR we might also type Vee Eff Arr. Its strange, but it helps the recognition.

When we are done, simply click OK, then on the screen behind it we click "Apply" on the lower right corner, and thats it. Its now saved to our profile.

For other edits you will probably want to learn how to use Voice Attack in general, but its easy to change keybinds, add keybinds, and add many other functions to customize your experience however you'd like.

Voice Commands Current as of v1.0 Beta

The following is a list of all current voice commands in this profile. They are listed in this document in the same order they appear in the profile itself, and all commands that appear in the profile are found in the same order in MSFS2020. Between that and search functions, it should be very easy to find whatever you are looking for. Commands will be noted if they are a Suffix or Prefix, otherwise any commands without these notations are direct, Full Commands. All Master Prefix commands are, obviously, all prefixes!

Master Prefix Commands:

All of these commands are prefixes, meaning they are said before any command that has (suffix) listed next to it.

0. Master Prefix Commands (25)
Activate (prefix)
Co Pilot; First Officer
Adjust (prefix)
Arm (prefix)
Choose; Select; Option; Channel; Frequency; Choose Channel; Choose Frequency; Tune Channel; Tune Frequency;
Check (prefix)
Begin Checklist For; Co Pilot Begin Checklist For; First Officer Begin Checklist For (prefix)
Close; Hide (prefix)
Deactivate (prefix)
Disable (prefix)
Disengage (prefix)
Enable (prefix)
Engage (prefix)
Extend (prefix)
Lower (prefix)
Open; Display; Show (prefix)
Raise (prefix)
Release (prefix)
Request; Requesting (prefix)
Retract (prefix)
Set (prefix)
Trim (prefix)
Turn Off (prefix)
Turn On (prefix)
Verify (prefix)

Custom Checklist Commands:

This is the current list of checklists you can ask your virtual co-pilot to perform. They are both suffixes.

Examples: **"Copilot, begin checklist for cessna citation CJ4"** or **"Begin checklist for TBM"**.

⌃ 00. Custom - Cessna Citation CJ4 - FULL (1)
Cessna Citation Cee Jay Four; Cessna Cee Jay Four; Citation Cee Jay Four; Cee Jay Four (suffix)
⌃ 00. Custom - TBM 930 - MANUAL (1)
Tee Bee Em 930 (suffix)

Custom Copilot Takeover Commands:

Currently the in game copilot is really dumb and will do crazy things half the time, but if you want you can ask them to take the wheel. These have both normal and suffixed versions.

Normal Example: **"Shes all yours"**
Prefixed Example: **"First officer, initiate takeoff"** or **"Copilot, take over"**.

⌃ 000. Custom - Universal (4)
Take Over; Take the Wheel; Shes all Yours; Initiate Takeoff; Initiate Landing
Return Control; Ill Take Over; I Got it From Here; Ill Take it From Here
Take Over; Take the Wheel; Shes all Yours; Initiate Takeoff; Initiate Landing (suffix)
Return Control; Ill Take Over; I Got it From Here; Ill Take it From Here (suffix)

Miscellaneous Commands:

For in game windows such as the Map, Checklist or Navlog these are all prefix-suffix commands.

Examples: **"Open Map" "Display Map" "Close Map" - "Show Navlog" "Close Navlog" etc...**

^ **A. Miscellaneous** (8)
Checklist (suffix)
Map (suffix)
Navlog; Flight Plan (suffix)
New Window; New You Eye
Turn On Fuel Pump; Fuel Pump On
Turn Off Fuel Pump; Fuel Pump Off
Marker Sound
Marker Sound (suffix)

^ **A. Miscellaneous - Ground Services** (5)
Fuel; Fuel Truck
Fuel; Fuel Truck (suffix)
Push back
Stop; Stop Push back
Push back (suffix)

Instruments and Systems:

B. Instruments & Systems - Anti Ice (4)

Engine Dea Icer Off; Turn Off Engine Dea Icer; Turn Off Dea Icer
Turn off Pitot; Turn off Pee Tau; Turn off Pitot Heat; Turn off Pee Tau Heat
Engine Dea Icer On; Dea Ice Engines; Turn On Engine Dea Icer; Turn On Dea Icer
Turn on Pitot; Turn on Pee Tau; Turn on Pitot Heat; Turn on Pee Tau Heat

B. Instruments & Systems - Electrics (10)

Master Alternator
Master Alternator (suffix)
Master Battery
Turn On Master Battery
Turn Off Master Battery
Electrical Systems; Master Battery and Alternator
Turn On Electrical Systems; Turn On Master Battery and Alternator
Turn Off Electrical Systems; Turn Off Master Battery and Alternator
Electrical Systems; Master Battery and Alternator (suffix)
Master Battery (suffix)

B. Instruments & Systems - Engine Instruments (20)

Start Engine; Start Engines; Turn On Engines; Turn Engines On
Start Engine; Start Engines; Turn On Engines; Turn Engines On (suffix)
Stop Engine; Stop Engines; Turn Off Engines; Turn Engines Off
Stop Engine; Stop Engines; Turn Off Engines; Turn Engines Off (suffix)
Starter (suffix)
Cowl Flap Down; Cowl Flaps Down; Cowl Flaps to Down
Cowl Flap Down; Cowl Flaps Down; Cowl Flaps to Down (suffix)
Cowl Flap Up; Cowl Flaps Up; Cowl Flaps to Up
Cowl Flap Up; Cowl Flaps Up; Cowl Flaps to Up (suffix)
Magnetos Left; Magnetos to Left; Magnetos to Left Position
Magnetos Off; Magnetos to Off; Magnetos to Off Position
Magnetos Right; Magnetos to Right; Magnetos to Right Position
Magnetos to Both; Magnetos to Both Position
Magnetos to Start; Magnetos to Start Position
Master Ignition Off; Turn Off Master Ignition (suffix)
Master Ignition On; Turn On Master Ignition (suffix)
Master Ignition Off; Turn Off Master Ignition
Master Ignition On; Turn On Master Ignition
Bleed Air Control Source; Air Control Source
Bleed Air Control Source; Air Control Source (suffix)

Instruments and Systems Continued:

B. Instruments & Systems - Flight Instruments (10)
Altimeter; Altimeter to Sea Level
Altimeter; Altimeter to Sea Level (suffix)
Heading Indicator; Reset Heading Indicator
Heading Indicator (suffix)
Alternate Static
Turn On Alternate Static; Turn On Alternate Static Source
Turn Off Alternate Static; Turn Off Alternate Static Source
Alternate Static (suffix)
Autorudder
Autorudder (suffix)

B. Instruments & Systems - Fuel (8)
Fuel Selector One to All
Fuel Selector One to All (suffix)
Fuel Selector One to Off; Fuel Selector One Off
Fuel Selector One to Off; Fuel Selector One Off (suffix)
Turn On Fuel Valves; Turn On Fuel Valves to All Engines
Turn Off Fuel Valves; Turn Off Fuel Valves to All Engines
Turn On Fuel Dump
Turn Off Fuel Dump

Camera:

These are intuitive for the most part. The most useful functions to know are **"Reset Camera"** **or "Reset View", "Instrument 1" through "Instrument 10",** any **Custom Cameras** you have created, and the screenshot commands **"nVidia Screenshot"** and **"Steam Screenshot".** The screenshot commands will use the default screenshot key for these two programs respectively, and will save the screenshot in your default folder for either of those programs.

Additional Drone camera support may be forthcoming. I have not played with the drone much so if you have ideas, feel free to shoot me a message on what would be helpful.

C. Camera (4)
Reset Camera; Reset View
Next Point of Interest; Next Pee Oh Eye; Select Next Point of Interest; Select Next Pee Oh Eye
Change View; Cockpit View; External View; Cockpit Mode; External Mode; Cockpit; External
Slew Mode

C. Camera - Custom Cameras (20)
Custom Camera 1; Camera 1
Custom Camera 0; Camera 0; Custom Camera 10; Camera 10
Custom Camera 2; Camera 2
Custom Camera 3; Camera 3
Custom Camera 4; Camera 4
Custom Camera 5; Camera 5
Custom Camera 6; Camera 6
Custom Camera 7; Camera 7
Custom Camera 8; Camera 8
Custom Camera 9; Camera 9
Save Camera 1
Save Camera 10
Save Camera 2
Save Camera 3
Save Camera 4
Save Camera 5
Save Camera 6
Save Camera 7
Save Camera 8
Save Camera 9

C. Camera - Drone (5)
Drone; Drone View
Drone; Drone View (suffix)
Drone Depth of Field; Depth of Field; Dee Oh Eff
Drone Foreground Blur; Foreground Blur
Show Plane Controls; Hide Plane Controls; Plane Controls

Camera Continued:

C. Camera - Fixed Cameras (10)
- Fixed Camera 1; Fixed 1
- Fixed Camera 0; Fixed 0; Fixed Camera 10; Fixed 10
- Fixed Camera 2; Fixed 2
- Fixed Camera 3; Fixed 3
- Fixed Camera 4; Fixed 4
- Fixed Camera 5; Fixed 5
- Fixed Camera 6; Fixed 6
- Fixed Camera 7; Fixed 7
- Fixed Camera 8; Fixed 8
- Fixed Camera 9; Fixed 9

C. Camera - Instrument Cameras (10)
- Instrument 1
- Instrument 10; Instrument 0
- Instrument 2
- Instrument 3
- Instrument 4
- Instrument 5
- Instrument 6
- Instrument 7
- Instrument 8
- Instrument 9

C. Camera - Screenshot Custom Commands (2)
- nVidia Screenshot
- Stream Screenshot

Autopilot:

Ive tried to make autopilot commands as easy to use as possible. They all follow the same pattern.

Example: **"Turn on (NAV/ALT/Heading/Vertical Speed) Mode" or "(NAV/ALT/Heading/Vertical Speed) Mode On".**

Suffix Example: **"First Officer, turn on autopilot".**

D. Autopilot (40)

ALT Mode Off; Turn Off ALT Mode; Altitude Mode Off; Turn Off Altitude Mode; Altitude

ALT Mode Off; Turn Off ALT Mode; Altitude Mode Off; Turn Off Altitude Mode; Altitude (suffix)

ALT Mode On; Turn On ALT Mode; Altitude Mode On; Turn On Altitude Mode

ALT Mode On; Turn On ALT Mode; Altitude Mode On; Turn On Altitude Mode (suffix)

Turn Off Attitude Hold; Attitude Hold Off

Turn Off Attitude Hold; Attitude Hold Off (suffix)

Turn On Attitude Hold; Attitude Hold On

Turn On Attitude Hold; Attitude Hold On (suffix)

Autopilot Off; Turn Off Autopilot; Disengage Autopilot; Deactivate Autopilot

Autopilot Off; Turn Off Autopilot; Disengage Autopilot; Deactivate Autopilot (suffix)

Autopilot On; Turn On Autopilot; Engage Autopilot; Activate Autopilot

Autopilot On; Turn On Autopilot; Engage Autopilot; Activate Autopilot (suffix)

Eff El Cee Mode Off; Turn Off Eff El Cee Mode; Airspeed Mode Off; Turn Off Airspeed Mode; Flight Level Ch

Eff El Cee Mode Off; Turn Off Eff El Cee Mode; Airspeed Mode Off; Turn Off Airspeed Mode; Flight Level Ch

Eff El Cee Mode On; Turn On Eff El Cee Mode; Airspeed Mode On; Turn On Airspeed Mode; Flight Level Cha

Eff El Cee Mode On; Turn On Eff El Cee Mode; Airspeed Mode On; Turn On Airspeed Mode; Flight Level Cha

Flight Director Off; Turn Off Flight Director

Flight Director Off; Turn Off Flight Director (suffix)

Flight Director On; Turn On Flight Director

Flight Director On; Turn On Flight Director (suffix)

Heading Mode Off; Turn Off Heading Mode

Heading Mode Off; Turn Off Heading Mode (suffix)

Heading Mode On; Turn On Heading Mode

Heading Mode On; Turn On Heading Mode (suffix)

Hold Current Airspeed; Hold Airspeed

Hold Current Airspeed; Hold Airspeed (suffix)

NAV Off; Turn Off NAV; NAV Mode Off; Turn Off NAV Mode

NAV Off; Turn Off NAV; NAV Mode Off; Turn Off NAV Mode (suffix)

NAV On; Turn On NAV; NAV Mode On; Turn On NAV Mode

NAV On; Turn On NAV; NAV Mode On; Turn On NAV Mode (suffix)

Change NAV Mode; Switch NAV Mode

Change NAV Mode; Switch NAV Mode (suffix)

Vee Ess Mode Off; Turn Off Vee Esse Mode; Vertical Speed Mode Off; Turn Off Vertical Speed Mode

Vee Ess Mode Off; Turn Off Vee Esse Mode; Vertical Speed Mode Off; Turn Off Vertical Speed Mode (suffix)

Vee Ess Mode On; Turn On Vee Esse Mode; Vertical Speed Mode On; Turn On Vertical Speed Mode

Vee Ess Mode On; Turn On Vee Esse Mode; Vertical Speed Mode On; Turn On Vertical Speed Mode (suffix)

Turn On Yaw Damper; Yaw Damper On

Turn Off Yaw Damper; Yaw Damper Off

Turn On Yaw Damper; Yaw Damper On (suffix)

Turn Off Yaw Damper; Yaw Damper Off (suffix)

Autopilot Settings:

Autopilot settings fall into four categories; **Airspeed; Altitude; Heading; Vertical Speed.**

Each setting has an array of possible commands you can issue. The only two ways you can alter these four settings is to say either: **Increase** or **Decrease.** Each setting has certain values you can say, which may be built upon or expanded later.

Note: Due to the fact that the game sometimes does NOT record keystrokes (with or without using voice attack), sometimes the values you say will not be exact. Higher values have more tendency to be off because there are more chances of a keystroke not being recorded. For example, if you say "Increase Altitude 35,000" Voice Attack will issue 350 keystroke commands to increase the altitude of your autopilot settings, if the game does not recognize 2 of those commands, the actual increase will be 33,000. As of early game patches, this was very bad in planes like the Airbus A320 and 747, where keystrokes were dropping for me very frequently.

Airspeed:

Possible Values   1 to 50 (Increments of 1)

Example: **"Increase Airspeed 25" or "Decrease Airspeed 13".**

Altitude:

Possible Values   100-1000 (Increments of 100)
                       1000-45,000 (Increments of 1000)

Example: **"Increase Altitude 800" or "Decrease Altitude 12,000"**

Heading: Note: as of 9/15/2020 I have a bug where increasing the heading causes the game to lock up with the heading indicator spinning endlessly. Decreasing does not seem to cause this issue. It has been reported to Zendesk. USE INCREASE AT YOUR OWN RISK as if the game locks up, you will lose your current flight progress.

Possible Values   1-30 (Increments of 1)
                       30-90 (Increments of 15)

90-180 (Increments of 90)

Example: **"Increase Heading 13" (increment of 1) or "Decrease Heading 45" (increments of 15) or "Increase Heading 180" (increment of 180).**

Vertical Speed:

Possible Values   100-2000 (Increments of 100)

Example: **"Increase Vertical Speed 800" or "Decrease Vertical Speed 1300".**

Brakes, Control Systems and Landing Gear:

E. Brakes (4)
Brake Pressure
Brake Pressure (suffix)
Parking Brake; Parking Brakes
Parking Brake; Parking Brakes (suffix)

F. Flight Control Surfaces - Control Trimming Surfaces (10)
Aileron Left
Aileron Left (suffix)
Aileron Right
Aileron Right (suffix)
Center Ailer Rudder; Center Aileron Rudder
Center Ailer Rudder; Center Aileron Rudder (suffix)
Elevator Down
Elevator Down (suffix)
Elevator Up
Elevator Up (suffix)

F. Flight Control Surfaces - Primary Control Surfaces (2)
Turn On Water Rudder
Turn Off Water Rudder

F. Flight Control Surfaces - Secondary Control Surfaces (9)
Flaps Down by One Level
Flaps Down by One Level (suffix)
Flaps for Takeoff; Flaps Up by One Level
Flaps for Takeoff; Flaps Up by One Level (suffix)
Flaps to Max Level; Flaps to Maximum Level; Flaps for Landing
Flaps to Max Level; Flaps to Maximum Level; Flaps for Landing (suffix)
Flaps; Flaps to Min Level; Flaps to Minimum Level; Speed Check; Speed Checks
Flaps; Flaps to Min Level; Flaps to Minimum Level; Speed Check; Speed Checks (suffix)
Spoilers (suffix)

G. Landing Gear (4)
Lower Landing Gear
Raise Landing Gear; Positive Rate; Positive Rate of Climb
Turn On Wheel Lock
Turn Off Wheel Lock

These are all straight forward. For the suffixed trimming surfaces you can use the suffix "Trim" if youd like. Currently the trim settings only increment by the in game amount of whatever "1" is. Eventually there may be a more detailed trim setting list where you can ask the game to trim a lot more than the default is set to. Currently this is best used for small adjustments, larger adjustments should still be made manually.

Example: **"Trim aileron left" or "Trim elevator down".**

Lights - Interior and Exterior:

H. Lights - Exterior Lights (33)

- Landing Lights Down
- Landing Lights Down (suffix)
- Landing Lights Home
- Landing Lights Home (suffix)
- Landing Lights Left
- Landing Lights Left (suffix)
- Landing Lights Right
- Landing Lights Right (suffix)
- Landing Lights Up
- Landing Lights Up (suffix)
- Exterior Lights, All Exterior Lights
- Exterior Lights, All Exterior Lights (suffix)
- Beacon Lights
- Turn on Beacon Lights
- Turn off Beacon Lights
- Beacon Lights (suffix)
- Landing Lights
- Turn on Landing Lights
- Turn off Landing Lights
- Landing Lights (suffix)
- Nav Lights
- Turn on Nav Lights; Turn on Navigation Lights
- Turn off Nav Lights; Turn off Navigation Lights
- Nav Lights (suffix)
- Stobes
- Turn on Stobes; Turn on Strobe Light; Turn on Strobe Lights
- Turn off Stobes; Turn off Strobe Light; Turn off Strobe Lights
- Stobes (suffix)
- Taxi Lights
- Turn on Taxi Lights
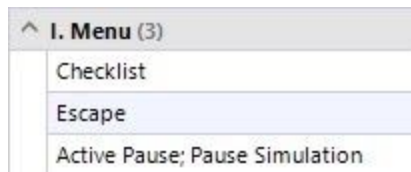- Turn off Taxi Lights
- Taxi Lights (suffix)
- Wing Lights

H. Lights - Interior Lights (2)

- Flashlight
- Flashlight (suffix)

Menu:

Added: "Pause" as another pause option.

Power Management:

I want to eventually add suffix support for the throttle options. For now its just straight forward commands. Min and Max throttle do however have suffix support.

J. Power Management - Mixture (8)

- Mixture Down; Fuel Mixture Down
- Mixture Down; Fuel Mixture Down (suffix)
- Mixture Up; Fuel Mixture Up
- Mixture Up; Fuel Mixture Up (suffix)
- Mixture Lean; Mixture to Lean; Fuel Mixture to Lean
- Mixture Lean; Mixture to Lean; Fuel Mixture to Lean (suffix)
- Mixture Rich; Mixture to Rich; Fuel Mixture to Rich
- Mixture Rich; Mixture to Rich; Fuel Mixture to Rich (suffix)

J. Power Management - Propeller (8)

- Propeller Pitch Down
- Propeller Pitch Down (suffix)
- Propeller Pitch Up
- Propeller Pitch Up (suffix)
- Propeller Pitch Hi
- Propeller Pitch Hi (suffix)
- Propeller Pitch Lo
- Propeller Pitch Lo (suffix)

J. Power Management - Throttle (17)

- Max Throttle; Maximum Throttle; Full Throttle; Throttle 100%
- Max Throttle; Maximum Throttle; Full Throttle; Throttle 100% (suffix)
- Cut Throttle; Min Throttle; Minimum Throttle; Throttle 0%
- Cut Throttle; Min Throttle; Minimum Throttle; Throttle 0% (suffix)
- Reverse Throttle; Reverse
- Stop Reverse
- Increment Reverse
- Increment Increase
- Throttle 10%
- Throttle 20%
- Throttle 30%
- Throttle 40%
- Throttle 50%
- Throttle 60%
- Throttle 70%
- Throttle 80%
- Throttle 90%

Radio and ATC:

    I will be adding more support for ATC options. For now the options are somewhat limited due to how the game is designed. Many of the ATC commands move around and so are not always "option 1", and as of now there is no immersive solution I can find to allow people to say full commands with ATC option, so for now you just say "Select 1, 2, 4, etc…" to select ATC options. Some options do currently have full support, as listed below, but they must be showing on the ATC window to work.

Example: When ATC asks for your acknowledgement you can respond in a number of ways such as **"Acknowledged, Roger, Wilco, Received" or "Say Again" "Please Repeat".**

∧ K. Radio - ATC (21)

Acknowledged; Copy; Copy That; Roger; Roger That; Wilco; Received
Say Again; Repeat; Please Repeat
Request Taxi; Requesting Taxi; Request Taxiway; Requesting Taxiway; Request Clearance for Taxiway;
Cancel Flight Following
Cancel Eye Eff Arr
ATC; Air Traffic Control; Display ATC; Display Air Traffic Control
Frequency Handoff; Frequency Change; New Frequency; Tune New Frequency (suffix)
Takeoff Clerance; Takeoff Clearance Vee Eff Arr; Takeoff Clearance Vee Eff Arr from Tower
Takeoff Clerance; Takeoff Clearance Vee Eff Arr; Takeoff Clearance Vee Eff Arr from Tower (suffix)
Request Flight Following; Requesting Flight Following
Request Vector to Next Waypoint; Requesting Vector to Next Waypoint
Zero (suffix)
One (suffix)
Two (suffix)
Three (suffix)
Four (suffix)
Five (suffix)
Six (suffix)
Seven (suffix)
Eight (suffix)
Nine (suffix)