
DCS A-10C VR Home Cockpit Software Install Guide

www.cockpit-vr.com

•1 _____
Default installation software

•2 _____
Additional Installation Software

•3 _____
Replace A-10C VR Home Cockpit Command

•4 _____
Trouble Shooting

1 Default Installation Software

Dcs-bios-v0.7.1 inatallation

Unzip "Cockpit-VR_A10C_driver.zip"

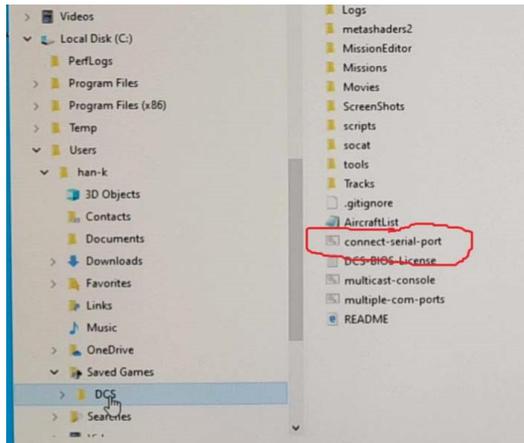


Copy all files and folders inside the Dcs-bios-v0.7.1 folder to the DCS folder on the C: drive.

If these DCS folders are not found, either DCS is not installed or the window is not installed at c:.

In this case, you must install DCS world or find the DCS folder on the drive where the window is installed.

Create Shortcut File



Create a shortcut of "connect-serial-port.cmd" and paste it onto the desktop.

This concludes the installation of the basic software and the A-10C VR Home Cockpit is ready to communicate with this computer.

Using DCS A-10C VR Home Cockpit

Plug the receiver into the computer usb terminal.

Setting>>hardware and sound>>devices and printers

Find usb-serial device

You should remember the com port number.

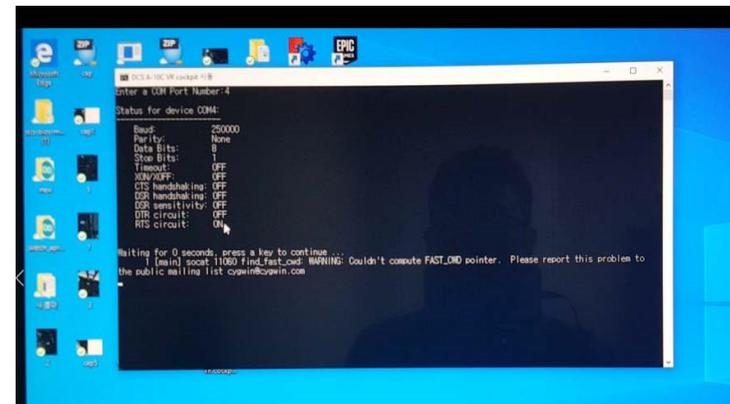
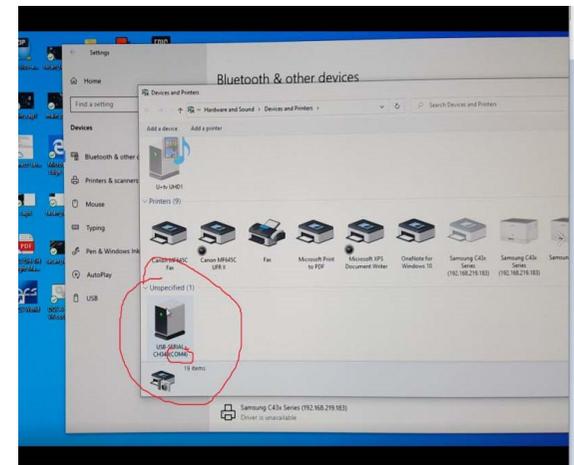
com port number is different if the usb terminal is different

Run a shortcut on the desktop and enter the com port number.

This screen is normal and if another message appears, there is a problem with the network setup or Internet connection.

If the problem persists even after restoring the Internet connection and network connection, you need to reboot.

* If the com port number is not available, it is because the Arduino driver is not installed. Open the CH341SER.ZIP file and install the driver.



Switch test and run DCS

You Turn on the cockpit and operating the switch.
If the command is printed, it is normal.

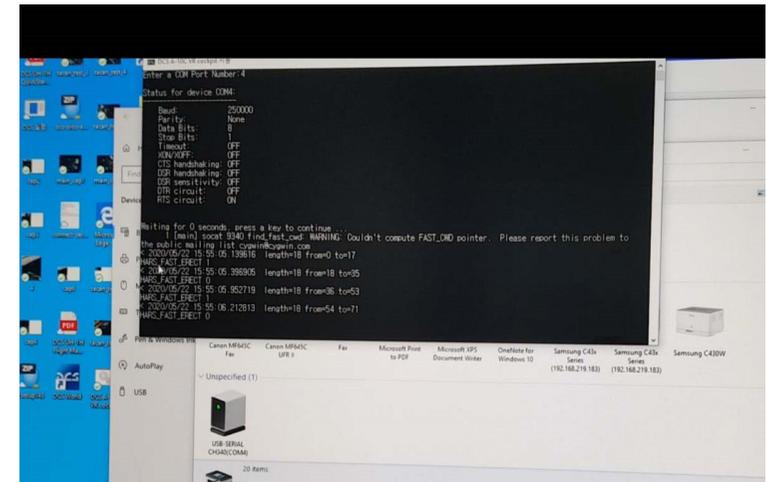
All is not necessary to activate the switch.

Test one button, one wheel switch.

If the test process is omitted, the switch may not operate
when you enters the cockpit.

If it's normal, we can run the DCS.

Normal



Do not close connect-serial-port and run DCS!!!

Please refer to the two videos below.

<https://youtu.be/QLoS2vGM4pM>

<https://youtu.be/CLFG7jdpz-w>

2 Additional Installation Software

If you want to control another cockpit in the DCS, you have to install this software.
But if you don't, you don't have to install it.

DCS-BIOS-Hub-Setup-v0.10.0 installation

This software installs a plug-in that enables communication between the latest DCS planes and DCS-Bios, and you can see the DCS-Bios commands on the installed aircraft.

If you search DCS BIOS on Google, you can find a site where you can download the latest version.
The newer the version, the more recent the new plane can be installed.

Arduino-1.8.9-windows installation

This software is a necessary program to re-upload code to the Arduino 2560 mega board on the receiver.

I recommend you to use this version because a bug has been found in the latest version.



arduino_dcs_bios.zip installation

This zip file has a library that is used to upload code using Arduino 1.8.9.
Therefore, you can run Arduino 1.8.9 and register the library.

Please refer to the two videos below.

<https://youtu.be/QLoS2vGM4pM>

<https://youtu.be/uJOQQZI8NL4>

3 Replace A-10C VR Home Cockpit Command

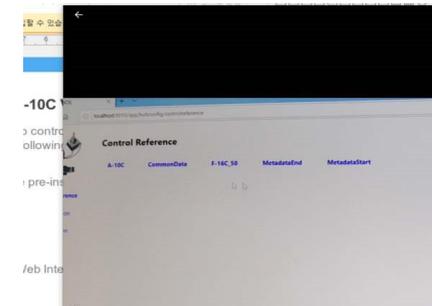
If you want to control the cockpit other than the A-10C within the DCS, you can go through the following process.

Find Commands

Run the pre-installed DCS-BIOS-Hub.

Open Web Interface >> control reference

Here you can find command information for the cockpit you want to control.



Find DcsBios.h and edit it in Notepad.

This PC > documents > Arduino > libraries > dcs-bios-arduino-library-0.2.11 > scr

Open with note pad and edit with command from other cockpit corresponding to A-10C command.

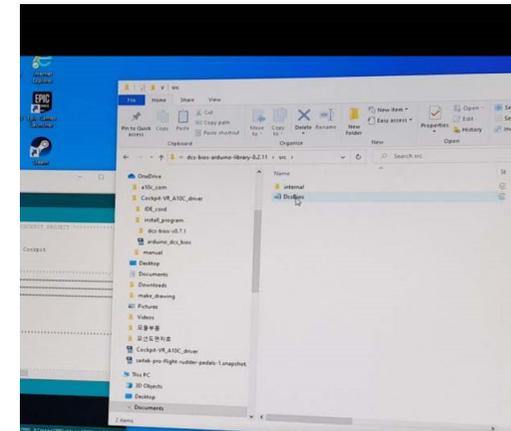
Execute Arduino 1.8.9 IDE and upload the code to the receiver.

Run connect-serial-port to see if the command has changed.

If there is no abnormality, you can run DCS and board the changed airplane.

Please refer to the video below.

<https://youtu.be/uJOQQZI8NL4>



4 Troubleshooting

If all switches are not operating

- Check the power supply.
- If there is no problem with the power supply, check the cable connection between the switch module and the transmitter.
- Turn on the power after all modifications are completed.
- If the problem persists, unplug the receiver from the computer and plug it back in.

If only some switches don't work.

- The receiver has no problem and checks the power and cable connection of the transmitter.
- If the problem persists, the switch may fail. In this case, the switch must be replaced.

In most cases, there is a problem with the power or cable connection, so replace cables often solves the problem.

Thank you.
