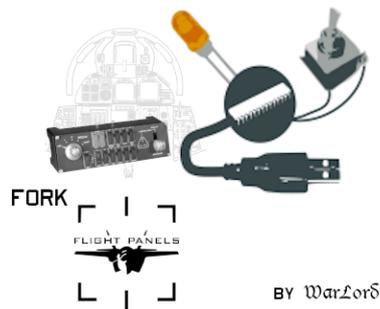


# DCS-BIOS



## Persons

[DCS-BIOS](#) and [Arduino Library](#) Started/Founded by [jboecker](#) (aka [FSFlan](#)).

[DCSFlightpanels Team](#)

[DCS-BIOS FP Fork](#) Forked/Maintained by [WarLord](#) (aka [Blacklibrary](#))

[DCS-BIOS Arduino Library](#) Forked/Maintained by [talbotmcinnis](#) (aka [Puma](#) [476<sup>th</sup> 76<sup>th</sup> vFS])

[DCSFlightpanels](#) Started/Maintained by [jdahlblom](#) (aka [ArturDCS](#)) & [Mutex666](#)

Used for Saitek/Logitech Flightpanels



## Version Overview DCS-BIOS

v0.10.0 - DCS-BIOS HUB Latest version from jboecker.

- No active development / maintainer
- Web interface
- Easy Install via exe
- No new planes can be integrated

V0.7.xx – DCS-BIOS Flightpanel Fork

- Fully support of all official DCS Planes and some Mods
- 2 branches for stable and Open Beta of DCS
- No easy install but with documentation
- Testing need a Chrome based Browser
- Active improvement and bug fixing

## What is DCS-BIOS

DCS-BIOS is a helper Programm for [DCS World](#).

It's for Converting a Switch input via an [Arduino](#) to DCS.

This works via network protocol and “*clickable Actions*” from the planes.

## Were to get Info's

Full Documentation of [DCS-BIOS HUB](#)

Full Documentation of DCS-BIOS Flightpanel Fork find it in the main install folder via Start.html

Also, the combined [DCSFlightpanel/DCS-BIOS Flightpanel Fork Wiki](#) and the

[DCSFlightpanel Arduino Wiki](#)

## Troubleshooting

### ❖ Is My Aircraft Supported?

*Currently, DCS-BIOS supports the following aircraft modules:*

A-4E-C	JF-17
A-10C / A10C-II	Ka-50
A-29B (MOD)	L-39ZA / C
AH-6J (MOD)	M-2000C
AH-64D	MB-339PAN (MOD)
AJS-37	Mi-8
Alphajet (MOD)	Mi-24P
AV8BNA	MiG-15bis
Bf-109-K-4	MiG-21Bis
C-101CC / EB	Mosquito FB Mk.VI
Christen Eagle II	NS430 (Bugged and deactivated)
Edge-540 (MOD)	P-47D
Extra-330SR (MOD)	P-51D
F-14A/B	Spitfire
F-16C	SA 342
F-22A (MOD)	T-45 (MOD)
F-5E-3	TF-51D
F-86F	UH-1H
F/A-18C	Yak-52
FW-190-A8 / D9	Superbug (MOD) (F-18 E+F+Growler)
I-16	

External Readouts for all Airplanes

All Flaming Cliffs 3 Modules (Basic readouts)

Mods (FC3): VSN-Mods, PAK-FA Project, Civil Aircraft Mod, Upuaut's Bell-47G, Mirage F.1, SU-30 FAMILY PROJECT, MIG-23UB Project, Virtual Cockpits, AC-130

### ❖ My DCS Plane is not supported, will it come?

1. *Its an official Plane -> it will come*
2. *It's a Mod Plane -> contact us and we can integrate it*

❖ **First it's important which version of BIOS is in use.**

*HUB v0.10.0 or the Fork 0.7.xx*

*HUB is outdated since not rights for uploading are given to the Maintainer.*

*F-18, FW-190, ... not maintainable.*

*Rest of planes were only updated by "Game breaking" Bugs appear.*

*Example: F-14 all numbers in device.lua were changed by the Developer of the Plane.  
That caused DCS-BIOS to stop working. -> Actions were sent to the false address*

**The Following Guide is written for the Fork, some of the items are working in HUB too.**

❖ **Control is nor working**

1. *Right version installed?*
  - a. *Release for stable DCS*
  - b. *Master branch for Open Beta of DCS*
2. *Is DCS BIOS Working?*
  - a. *Verify via the ControlReference Page (Chrome App) and look for moving "numbers".*
  - b. *Does the socat Program run and is in right Folder structure*
  - c. *Check export.lua*

**Guide for all in Install guide from Open Hornet Project  
(doc Folder: DCS-BIOS-FLIGHTPANELS\_Install Guide.pdf)**

3. *Arduinos*
  - a. *Connected?*
  - b. *Right library installed? -> latest*
  - c. *Program / Compile errors?*
4. *Hardware*
  - a. *Check hardware/wiring*

❖ **Control is nor working after Update**

1. *Something has changed and needs a rework of the BIOS Files*
  - a. *Update is incoming (for Fork 1-3 days)*

❖ **Downloaded the Master after an Update and control doesn't work or does not appear**

1. *The change is in the lua but not in the .json file. Json is the File, BIOS work with (Like a dll). Sometimes they were not uploaded, BUT Fork generates these files if a flight is started. -> Jump in any Cockpit you want and the Files gets an update!*

❖ **If all this don't work, feel free to join our Discord or open an issue on Github**

1. [Github Issue Tracker](#)
2. [Discord Server](#)