

1. General Description

This Document contains the log data of a read out logfile. It shows what happened with the specified vbar unit during the latest time

Version of PC Software	5.3.2b 31.12.2012
Date	Sun Jul 10 21:38:55 EEST 2016
Serial	1410043883
Prod Date	20.2.2015 12:32
Firmware	5.3
Patchlevel	4

✘	0:39	DANGER!!! Supply Voltage dropped below 3.5V	The Voltage dropped below the given Threshold. This check shows even small drops in the supply voltage. Usually at this Voltage the 2.4Ghz Gear drops out and takes some time for reconnect. Immediately stop operating this heli and do a ground up check of the power supply
✘	0:40	DANGER!!! Supply Voltage dropped below 3.5V	The Voltage dropped below the given Threshold. This check shows even small drops in the supply voltage. Usually at this Voltage the 2.4Ghz Gear drops out and takes some time for reconnect. Immediately stop operating this heli and do a ground up check of the power supply
✘	0:41	DANGER!!! Supply Voltage dropped below 3.5V	The Voltage dropped below the given Threshold. This check shows even small drops in the supply voltage. Usually at this Voltage the 2.4Ghz Gear drops out and takes some time for reconnect. Immediately stop operating this heli and do a ground up check of the power supply
✔	0:00	Coldstart	A Coldstart is done on the beginning of each switch on time. A Coldstart can happen only, if the VBar Units is disconnected from power for more than 5 Seconds.
✔	0:00	Reset Reason: Power On	This happens if power is applied to the VBar unit. Usually this is ok, but it shall never happen in operational mode. So if a reset happens during flight, this points to a power problem. During flight the power on reset results in a warmstart. If a coldstart happens during flight, the power loss was more than 5 Seconds
▶	0:00	Bank 0 Loaded	Bank 0 was loaded from the non volatile memory. This can be triggered my manual backswitch from the userinterface as well as in flight if bank switch is programmed to the aux channel. On Startup the Bank 0 is loaded by default.
⚠	0:01	Init Failed, retrying...	The Init process of the sensors is very sensitive to movements of the heli or from other external disturbances, i.e. Voltage jumps and glitches. This can lead to a failed initialization. In this Case it is repeated. If this repeats itself all the time, this can point to a defective sensors.
✔	0:11	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
✔	0:21	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
✔	0:31	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
✔	0:41	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
▶	0:48	Calibration Finished	At each Coldstart, the sensor and RC Values are calibrated to the actual seen values. If the calibration is finished, this message confirms the storage of data into the internal non volatile calibration memory
✘	0:48	DANGER!!! Supply Voltage dropped below 3.5V	The Voltage dropped below the given Threshold. This check shows even small drops in the supply voltage. Usually at this Voltage the 2.4Ghz Gear drops out and takes some time for reconnect. Immediately stop operating this heli and do a ground up check of the power supply
✘	0:49	DANGER!!! Supply Voltage dropped below 3.5V	The Voltage dropped below the given Threshold. This check shows even small drops in the supply voltage. Usually at this Voltage the 2.4Ghz Gear drops out and takes some time for reconnect. Immediately stop operating this heli and do a ground up check of the power supply
✘	0:50	DANGER!!! Supply Voltage dropped below 3.5V	The Voltage dropped below the given Threshold. This check shows even small drops in the supply voltage. Usually at this Voltage the 2.4Ghz Gear drops out and takes some time for reconnect. Immediately stop operating this heli and do a ground up check of the power supply