## 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

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| Version of PC Software | **5.1.7 27.03.2011** |
| Date | **Fri May 13 13:11:27 CEST 2011** |
| Serial | **1510002571** |
| Prod Date | **22.7.2010 14:8** |
| Firmware | **5.1** |
| Patchlevel | **8** |

## 2. Chronological List of Events

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|---|---|---|---|
| ▷ | 0:16 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ✔ | 0:26 | 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. |
| ✔ | 0:36 | 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. |
| ✔ | 0:46 | 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 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 0:49 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 0:51 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 0:52 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 0:54 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 0:55 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 0:56 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 1:02 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 1:03 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 1:06 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 1:07 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ✔ | 1:17 | 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. |
| ▷ | 1:26 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 1:29 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 1:32 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 1:34 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 1:41 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |

Fri May 13 13:11:27 CEST 2011

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| ▷ | 1:48 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 1:49 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ⚠ | 1:55 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 1:56 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 1:57 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 1:58 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 1:59 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 2:00 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 2:01 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 2:02 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 2:03 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 2:07 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 2:08 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 2:09 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 2:10 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 2:11 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ⚠ | 2:12 | The Cyclic Ring is active | If the agility of a Heli is set to the possibilities of the mechanic and aerodynamic limits, this did not happen. However in 3D Flying the agility cannot set high enough to fullfill the pilots needs. So this limiter is in action dependant on the flwon actions. If it is active very often, there is a potential problem with the mechanics. Using lighter blades will help increasing the natural agility preventing hitting the cyclic ring all the time. |
| ▷ | 2:17 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |

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| ▷ | 2:18 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ✔ | 2:28 | 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. |
| ✔ | 2:38 | 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. |
| ✔ | 2:48 | 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. |
| ✔ | 2:58 | 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. |
| ✔ | 3:08 | 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. |
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| ✔ | 3:58 | 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. |
| ▷ | 4:06 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 4:08 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
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| ▷ | 4:13 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 4:16 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
| ▷ | 4:17 | Testmode Started | The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentially. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth. |
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| ▷ | 4:21 | Testmode Ended | Testmode has been switched off intentinally. Normal control loop is in action now |
| ✔ | 4:31 | 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. |
| ✔ | 4:41 | 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. |
| ✔ | 4:51 | 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. |

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| ✔ | 5:01 | 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. |
| ✔ | 5:11 | 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. |
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| ✔ | 6:21 | 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. |
| ✔ | 6:31 | 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. |
| ✔ | 0:00 | 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. |
| ✔ | 0:00 | 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. |
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| ▷ | 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. |
| ▷ | 0:06 | 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 |
| ✔ | 0:16 | 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. |
| ✔ | 0:26 | 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. |
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| ✔ | 0:46 | 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. |
| ✔ | 0:56 | 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. |
| ✔ | 1:06 | 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. |
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| ✔ | 1:46 | 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. |

| | 1:55 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
|---|---|---|---|
| | 2:05 | 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. |
| | 2:15 | 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. |
| | 2:25 | 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. |
| | 2:35 | 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. |
| | 2:45 | 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. |
| | 2:55 | 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. |
| | 3:02 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| | 3:12 | 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. |
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| | 5:02 | 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. |
| | 5:12 | 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. |
| | 5:22 | 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. |
| | 5:32 | 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. |
| | 5:42 | 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. |
| | 5:52 | 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. |
| | 6:02 | 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. |
| | 6:12 | 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. |

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| ✔ | 6:22 | 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. |
| ✔ | 6:32 | 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. |
| ✔ | 6:42 | 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. |
| ✔ | 6:52 | 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. |
| ✔ | 7:02 | 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. |
| ✔ | 7:12 | 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. |
| ▷ | 7:22 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ▷ | 7:32 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ✔ | 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. |
| ▷ | 0:06 | 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 |
| ✔ | 0:16 | 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. |
| ✔ | 0:26 | 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. |
| ✔ | 0:36 | 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. |
| ✔ | 0:46 | 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 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ▷ | 0:53 | Antenna Switched | The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost. |
| ▷ | 0:54 | Antenna Switched | The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost. |
| ✔ | 1:04 | 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. |
| ✔ | 1:14 | 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. |
| ✔ | 1:24 | 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. |
| ✔ | 1:34 | 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. |
| ✔ | 1:44 | 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. |
| ✔ | 1:54 | 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. |
| ✔ | 2:04 | 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. |
| ✔ | 2:14 | 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. |

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| ✔ | 2:24 | 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. |
| ⚠ | 2:33 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ✖ | 2:43 | Extreme Vibration Level | Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations |
| ✔ | 2:53 | 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. |
| ✔ | 3:03 | 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. |
| ✔ | 3:13 | 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. |
| ✔ | 3:23 | 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. |
| ✔ | 3:33 | 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. |
| ▷ | 3:41 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ⚠ | 3:50 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:00 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:10 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:19 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:29 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:38 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:48 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:58 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:07 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:17 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ✔ | 5:27 | 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. |
| ✔ | 5:37 | 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. |
| ✔ | 5:47 | 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. |
| ✔ | 5:57 | 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. |
| ✔ | 6:07 | 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. |
| ✔ | 6:17 | 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. |
| ✔ | 6:27 | 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. |
| ✔ | 6:37 | 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. |

| | Time | Message | Description |
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| ✔ | 6:47 | 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. |
| ✔ | 6:57 | 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. |
| ✔ | 7:07 | 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. |
| ✔ | 7:17 | 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. |
| ✔ | 7:27 | 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. |
| ✔ | 7:37 | 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. |
| ✔ | 7:47 | 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. |
| ✔ | 7:57 | 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. |
| ✔ | 8:07 | 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. |
| ✔ | 8:17 | 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. |
| ✔ | 8:27 | 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. |
| ✔ | 8:37 | 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. |
| ✔ | 8:47 | 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. |
| ✔ | 8:57 | 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. |
| ✔ | 9:07 | 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. |
| ✔ | 9:17 | 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. |
| ✔ | 9:27 | 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. |
| ✔ | 9:37 | 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. |
| ✔ | 9:47 | 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. |
| ✔ | 9:57 | 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. |
| ✔ | 10:07 | 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. |
| ✔ | 10:17 | 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. |
| ✔ | 10:27 | 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. |
| ✔ | 0:00 | 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. |
| ▷ | 0:06 | 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 |
| ✔ | 0:16 | 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. |

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| ✔ | 0:26 | 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. |
| ✔ | 0:36 | 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. |
| ▷ | 0:38 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ✔ | 0:48 | 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. |
| ✔ | 0:58 | 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. |
| ▷ | 1:07 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
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| ✔ | 1:57 | 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. |
| ✔ | 2:07 | 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. |
| ✔ | 2:17 | 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. |
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| ✔ | 3:07 | 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. |
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| ✔ | 3:57 | 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. |
| ✔ | 4:07 | 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. |
| ✔ | 4:17 | 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. |
| ✔ | 4:27 | 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. |
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| ✔ 4:47 | 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. |
| ✔ 4:57 | 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. |
| ✔ 5:07 | 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. |
| ✔ 5:17 | 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. |
| ▷ 5:27 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ▷ 5:36 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ✔ 5:46 | 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. |
| ✔ 5:56 | 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. |
| ✔ 6:06 | 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. |
| ✔ 6:16 | 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. |
| ✔ 6:26 | 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. |
| ✔ 6:36 | 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. |
| ✔ 6:46 | 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. |
| ✔ 6:56 | 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. |
| ✔ 7:06 | 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. |
| ✔ 7:16 | 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. |
| ✔ 7:26 | 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. |
| ✔ 7:36 | 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. |
| ✔ 7:46 | 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. |
| ✔ 7:56 | 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. |
| ✔ 8:06 | 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. |
| ✔ 8:16 | 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. |
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| ✔ 8:56 | 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. |
| ✔ 9:06 | 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. |

Fri May 13 13:11:27 CEST 2011

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| ✔ | 9:16 | 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. |
| ✔ | 9:26 | 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. |
| ✔ | 9:36 | 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. |
| ✔ | 9:46 | 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. |
| ✔ | 0:00 | 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. |
| ▷ | 0:09 | 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 |
| ✔ | 0:19 | 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. |
| ✔ | 0:29 | 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. |
| ✔ | 0:39 | 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. |
| ✔ | 0:49 | 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. |
| ✔ | 0:59 | 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. |
| ✔ | 1:09 | 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. |
| ✔ | 1:19 | 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. |
| ✔ | 1:29 | 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. |
| ✔ | 1:39 | 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. |
| ✔ | 1:49 | 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. |
| ✔ | 1:59 | 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. |
| ✔ | 2:09 | 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. |
| ✔ | 2:19 | 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. |
| ✔ | 2:29 | 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. |
| ✔ | 2:39 | 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. |
| ✔ | 2:49 | 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. |
| ✔ | 2:59 | 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. |
| ✔ | 3:09 | 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. |
| ✔ | 3:19 | 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. |
| ✔ | 3:29 | 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. |

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| ✔ | 3:39 | 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. |
| ✔ | 3:49 | 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. |
| ✔ | 3:59 | 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. |
| ✔ | 4:09 | 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. |
| ✔ | 4:19 | 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. |
| ✔ | 4:29 | 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. |
| ✔ | 4:39 | 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. |
| ✔ | 4:49 | 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. |
| ✔ | 4:59 | 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. |
| ✔ | 5:09 | 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. |
| ✔ | 5:19 | 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. |
| ✔ | 5:29 | 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. |
| ✔ | 5:39 | 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. |
| ✔ | 5:49 | 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. |
| ✔ | 5:59 | 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. |
| ✔ | 6:09 | 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. |
| ✔ | 6:19 | 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. |
| ✔ | 6:29 | 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. |
| ✔ | 6:39 | 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. |
| ✔ | 6:49 | 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. |
| ✔ | 6:59 | 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. |
| ✔ | 7:09 | 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. |
| ✔ | 7:19 | 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. |
| ✔ | 7:29 | 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. |
| ✔ | 7:39 | 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. |
| ✔ | 7:49 | 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. |
| ✔ | 7:59 | 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. |
| ✔ | 8:09 | 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. |

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| ✔ | 8:19 | 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. |
| ✔ | 8:29 | 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. |
| ✔ | 8:39 | 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. |
| ✔ | 8:49 | 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. |
| ✔ | 8:59 | 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. |
| ✔ | 0:00 | 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. |
| ▷ | 0:06 | 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 |
| ✔ | 0:16 | 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. |
| ✔ | 0:26 | 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. |
| ✔ | 0:36 | 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. |
| ✔ | 0:46 | 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. |
| ✔ | 0:56 | 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. |
| ▷ | 0:57 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ✔ | 1:07 | 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. |
| ✔ | 1:17 | 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. |
| ✔ | 1:27 | 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. |
| ✔ | 1:37 | 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. |
| ✔ | 1:47 | 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. |
| ✔ | 1:57 | 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. |
| ✔ | 2:07 | 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. |
| ✔ | 2:17 | 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. |
| ✔ | 2:27 | 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. |
| ✔ | 2:37 | 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. |
| ✔ | 2:47 | 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. |
| ✔ | 2:57 | 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. |
| ✔ | 3:07 | 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. |

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| ✔ | 3:17 | 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. |
| ✔ | 3:27 | 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. |
| ✔ | 3:37 | 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. |
| ✔ | 3:47 | 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. |
| ✔ | 3:57 | 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. |
| ✔ | 4:07 | 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. |
| ✔ | 4:17 | 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. |
| ✔ | 4:27 | 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. |
| ✔ | 4:37 | 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. |
| ✔ | 4:47 | 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. |
| ✔ | 4:57 | 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. |
| ▷ | 5:07 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ✔ | 5:17 | 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. |
| ✔ | 5:27 | 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. |
| ✔ | 5:37 | 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. |
| ✔ | 5:47 | 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. |
| ✔ | 5:57 | 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. |
| ✔ | 6:07 | 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. |
| ▷ | 6:13 | Antenna Switched | The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost. |
| ✔ | 6:23 | 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. |
| ✔ | 6:33 | 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. |
| ✔ | 6:43 | 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. |
| ✔ | 6:53 | 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. |
| ✔ | 7:03 | 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. |
| ✔ | 7:13 | 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. |
| ✔ | 7:23 | 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. |
| ✔ | 7:33 | 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. |
| ✔ | 7:43 | 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. |

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| ✔ | 7:53 | 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. |
| ✔ | 8:03 | 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. |
| ✔ | 8:13 | 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. |
| ✔ | 8:23 | 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. |
| ✔ | 8:33 | 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. |
| ✔ | 8:43 | 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. |
| ✔ | 0:00 | 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. |
| ▷ | 0:06 | 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 |
| ✔ | 0:16 | 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. |
| ✔ | 0:26 | 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. |
| ✔ | 0:36 | 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. |
| ✔ | 0:46 | 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. |
| ✔ | 0:56 | 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. |
| ▷ | 0:57 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ▷ | 1:07 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ▷ | 1:16 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ▷ | 1:26 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ▷ | 1:36 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ▷ | 1:45 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ⚠ | 1:55 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:05 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:14 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:24 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:33 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |

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| ⚠ | 2:43 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:53 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 3:02 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 3:12 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ✔ | 3:22 | 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. |
| ✔ | 3:32 | 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. |
| ⚠ | 3:41 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ✖ | 3:50 | Extreme Vibration Level | Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations |
| ▷ | 3:58 | Antenna Switched | The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost. |
| ✖ | 4:00 | Extreme Vibration Level | Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations |
| ✖ | 4:10 | Extreme Vibration Level | Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations |
| ✖ | 4:19 | Extreme Vibration Level | Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations |
| ✖ | 4:29 | Extreme Vibration Level | Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations |
| ✖ | 4:38 | Extreme Vibration Level | Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations |
| ✖ | 4:48 | Extreme Vibration Level | Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations |
| ✖ | 4:58 | Extreme Vibration Level | Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations |
| ✖ | 5:07 | Extreme Vibration Level | Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations |
| ✔ | 5:17 | 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. |
| ✔ | 5:27 | 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. |
| ✔ | 5:37 | 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. |
| ✔ | 5:47 | 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. |
| ✔ | 5:57 | 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. |
| ✔ | 6:07 | 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. |
| ✔ | 6:17 | 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. |
| ✔ | 6:27 | 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. |
| ✔ | 6:37 | 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. |
| ✔ | 6:47 | 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. |

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| ✔ | 6:57 | 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. |
| ✔ | 7:07 | 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. |
| ✔ | 7:17 | 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. |
| ✔ | 7:27 | 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. |
| ✔ | 7:37 | 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. |
| ✔ | 7:47 | 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. |
| ✔ | 0:00 | 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. |
| ▷ | 0:06 | 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 |
| ✔ | 0:16 | 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. |
| ✔ | 0:26 | 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. |
| ✔ | 0:36 | 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. |
| ✔ | 0:46 | 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. |
| ✔ | 0:56 | 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. |
| ✔ | 1:06 | 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. |
| ⚠ | 1:16 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additially slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:26 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additially slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:36 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additially slow drifts that happen may be caused by vibrations. |
| ✖ | 1:45 | Extreme Vibration Level | Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations |
| ⚠ | 1:55 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additially slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:05 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additially slow drifts that happen may be caused by vibrations. |
| ✔ | 2:15 | 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. |
| ✔ | 2:25 | 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. |
| ✔ | 2:35 | 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. |
| ✔ | 2:45 | 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. |
| ✔ | 2:55 | 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. |
| ✔ | 3:05 | 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. |

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| ✔ | 3:15 | 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. |
| ✔ | 3:25 | 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. |
| ✔ | 3:35 | 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. |
| ✔ | 3:45 | 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. |
| ⚠ | 3:50 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:00 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:10 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:19 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ▷ | 4:25 | Antenna Switched | The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost. |
| ⚠ | 4:29 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:38 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:48 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:58 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:07 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:14 | Elevator Sensor shows no actual Signal | This is an plausibility check. If the Heli starts to vibrate, this shall at least have effect to all sensors. If one of the Sensors do not show the Signal, it may point to a specific problem, not necassary with this sensor, but a general problem. |
| ⚠ | 5:17 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:27 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:36 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:46 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:55 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 6:05 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 6:15 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 6:24 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 6:34 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 6:43 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ✔ | 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 |

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| ▷ | 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. |
| ▷ | 0:06 | 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 |
| ▷ | 0:16 | Antenna Switched | The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost. |
| ✖ | 0:16 | Low Voltage of 3.3V Rail | The Controller is no longer able to perform reliable IO Operations. This is not necassary the reason for a complete reset, but this is a strong hint to take a close look at the power supply. This shall not happen in flight. If you see this error, the problem has to be fixed before the next flight. |
| ✖ | 0:16 | Low Voltage of 2.5V Rail | The Voltae is to small, to let the controller run safely. This error will appear only very seldom, because it is followed by a reset after a few milliseconds. This time will not be sufficient to store the error in the error storage flash area. |
| ✖ | 0:16 | RC Input of Pitch Channel missed | The Pitch Input Signal ist updated with each Frame recived from the reciver. This Error is raised, if for 50ms no new signal arrives from the reciver. Depending on the hardware connection this can point to a problem with the connection to the reciver/sattelite. In case of sattelite recivers used, all channels will be accused at the same time. In case of single channels, this can happen seperately on each channel. Closely check your wiring for broken wires or connection problems |
| ✖ | 0:16 | RC Input of Aileron Channel missed | The Aileron Input Signal ist updated with each Frame recived from the reciver. This Error is raised, if for 50ms no new signal arrives from the reciver. Depending on the hardware connection this can point to a problem with the connection to the reciver/sattelite. In case of sattelite recivers used, all channels will be accused at the same time. In case of single channels, this can happen seperately on each channel. Closely check your wiring for broken wires or connection problems |
| ✖ | 0:16 | RC Input of Elevator Channel missed | The Elevator Input Signal ist updated with each Frame recived from the reciver. This Error is raised, if for 50ms no new signal arrives from the reciver. Depending on the hardware connection this can point to a problem with the connection to the reciver/sattelite. In case of sattelite recivers used, all channels will be accused at the same time. In case of single channels, this can happen seperately on each channel. Closely check your wiring for broken wires or connection problems |
| ✖ | 0:16 | RC Input of Tail Channel missed | The Tail Input Signal ist updated with each Frame recived from the reciver. This Error is raised, if for 50ms no new signal arrives from the reciver. Depending on the hardware connection this can point to a problem with the connection to the reciver/sattelite. In case of sattelite recivers used, all channels will be accused at the same time. In case of single channels, this can happen seperately on each channel. Closely check your wiring for broken wires or connection problems |
| ✖ | 0:16 | Aileron Sensor Value out of Range | The Sensor delivers Values that are not trustful. Rotational rates, that will create this values are usually not possible in air. The Sensor may be defective. This can happen in certain cases if the heli is handleled on ground, or on very hard landings or very extreme Vibrations. |
| ✖ | 0:16 | Elevator Sensor Value out of Range | The Sensor delivers Values that are not trustful. Rotational rates, that will create this values are usually not possible in air. The Sensor may be defective. This can happen in certain cases if the heli is handleled on ground, or on very hard landings or very extreme Vibrations. |
| ⚠ | 0:16 | Supply Voltage dropped below 4.5V | The Voltage dropped below the given Threshold. This check shows even small drops in the supply voltage. The 4.5 Treshold is not yet critical, but may point to some problems in the supply |
| ✖ | 0:19 | Extreme Vibration Level | Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations |
| ✔ | 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. |
| ▷ | 0:10 | 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 |
| ✔ | 0:20 | 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. |
| ✔ | 0:30 | 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. |
| ✔ | 0:40 | 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. |
| ✔ | 0:50 | 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. |
| ✔ | 1:00 | 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. |
| ✔ | 0:00 | 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. |
| ▷ | 0:06 | 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 |

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| ✔ | 0:16 | 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. |
| ✔ | 0:26 | 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. |
| ✔ | 0:36 | 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. |
| ✔ | 0:46 | 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. |
| ✔ | 0:56 | 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. |
| ✔ | 1:06 | 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. |
| ⚠ | 1:07 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ▷ | 1:16 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ⚠ | 1:26 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ▷ | 1:36 | Antenna Switched | The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost. |
| ⚠ | 1:36 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:45 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:55 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:05 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ✔ | 2:15 | 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. |
| ✔ | 2:25 | 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. |
| ✔ | 2:35 | 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. |
| ✔ | 2:45 | 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. |
| ✔ | 2:55 | 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. |
| ✔ | 3:05 | 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. |
| ✔ | 3:15 | 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. |
| ✔ | 3:25 | 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. |
| ✔ | 3:35 | 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. |
| ✔ | 3:45 | 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. |
| ✔ | 3:55 | 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. |
| ✔ | 4:05 | 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. |
| ✔ | 4:15 | 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. |

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| ✔ | 4:25 | 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. |
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| ✔ | 4:45 | 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. |
| ✔ | 4:55 | 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. |
| ✔ | 5:05 | 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. |
| ✔ | 0:00 | 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. |
| ▷ | 0:06 | 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 |
| ✔ | 0:16 | 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. |
| ✔ | 0:26 | 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. |
| ✔ | 0:36 | 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. |
| ✔ | 0:46 | 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. |
| ✔ | 0:56 | 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. |
| ✔ | 1:06 | 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. |
| ▷ | 1:07 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ⚠ | 1:16 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:26 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:36 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:45 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:55 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:05 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:14 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:24 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ✔ | 2:34 | 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. |
| ✔ | 2:44 | 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. |
| ✔ | 2:54 | 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. |

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| ✔ | 3:04 | 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. |
| ✔ | 3:14 | 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. |
| ✔ | 3:24 | 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. |
| ✔ | 3:34 | 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. |
| ✔ | 3:44 | 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. |
| ✔ | 3:54 | 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. |
| ✔ | 4:04 | 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. |
| ✔ | 4:14 | 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. |
| ✔ | 4:24 | 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. |
| ✔ | 4:34 | 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. |
| ▷ | 4:38 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ▷ | 4:48 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ⚠ | 4:58 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:07 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:17 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:27 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:36 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:46 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 5:55 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 6:05 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 6:15 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 6:24 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ✔ | 6:34 | 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. |
| ✔ | 6:44 | 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. |
| ✔ | 6:54 | 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. |
| ✔ | 7:04 | 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. |
| ✔ | 7:14 | 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. |

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| ✔ | 7:24 | 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. |
| ✔ | 7:34 | 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. |
| ✔ | 7:44 | 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. |
| ✔ | 7:54 | 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. |
| ✔ | 8:04 | 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. |
| ✔ | 8:14 | 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. |
| ✔ | 8:24 | 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. |
| ✔ | 8:34 | 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. |
| ✔ | 8:44 | 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. |
| ⚠ | 8:49 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 8:58 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 9:08 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 9:17 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 9:27 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 9:37 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ▷ | 9:46 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ✔ | 9:56 | 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. |
| ✔ | 10:06 | 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. |
| ✔ | 10:16 | 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. |
| ✔ | 10:26 | 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. |
| ✔ | 10:36 | 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. |
| ✔ | 10:46 | 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. |
| ✔ | 10:56 | 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. |
| ✔ | 11:06 | 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. |
| ✔ | 11:16 | 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. |
| ✔ | 11:26 | 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. |
| ✔ | 11:36 | 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. |

| ✔ | 0:00 | 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. |
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| ✔ | 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. |
| ▷ | 0:06 | 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 |
| ✔ | 0:16 | 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. |
| ✔ | 0:26 | 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. |
| ▷ | 0:28 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ⚠ | 0:38 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ▷ | 0:48 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ⚠ | 0:57 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:07 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:16 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:26 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:36 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:45 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:55 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:05 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:14 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:22 | Elevator Sensor shows no actual Signal | This is an plausibility check. If the Heli starts to vibrate, this shall at least have effect to all sensors. If one of the Sensors do not show the Signal, it may point to a specific problem, not necassary with this sensor, but a general problem. |
| ⚠ | 2:24 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:33 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:43 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:53 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 3:02 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 3:12 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 3:21 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |

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| ▷ | 3:31 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ▷ | 3:41 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ▷ | 3:50 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ⚠ | 4:00 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ▷ | 4:10 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ▷ | 4:19 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ✔ | 4:29 | 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. |
| ✔ | 0:00 | 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. |
| ✔ | 0:10 | 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. |
| ▷ | 0:12 | 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 |
| ✔ | 0:22 | 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. |
| ✔ | 0:32 | 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. |
| ✔ | 0:42 | 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. |
| ✔ | 0:52 | 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. |
| ✔ | 1:02 | 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. |
| ▷ | 1:07 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ⚠ | 1:16 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:26 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:36 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:38 | Elevator Sensor shows no actual Signal | This is an plausibility check. If the Heli starts to vibrate, this shall at least have effect to all sensors. If one of the Sensors do not show the Signal, it may point to a specific problem, not necassary with this sensor, but a general problem. |
| ⚠ | 1:45 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 1:55 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:05 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:14 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |

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| ▷ | 2:24 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ⚠ | 2:33 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:36 | Elevator Sensor shows no actual Signal | This is an plausibility check. If the Heli starts to vibrate, this shall at least have effect to all sensors. If one of the Sensors do not show the Signal, it may point to a specific problem, not necassary with this sensor, but a general problem. |
| ⚠ | 2:43 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 2:45 | Elevator Sensor shows no actual Signal | This is an plausibility check. If the Heli starts to vibrate, this shall at least have effect to all sensors. If one of the Sensors do not show the Signal, it may point to a specific problem, not necassary with this sensor, but a general problem. |
| ⚠ | 2:53 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 3:02 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 3:12 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 3:21 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 3:31 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 3:41 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 3:45 | Elevator Sensor shows no actual Signal | This is an plausibility check. If the Heli starts to vibrate, this shall at least have effect to all sensors. If one of the Sensors do not show the Signal, it may point to a specific problem, not necassary with this sensor, but a general problem. |
| ⚠ | 3:50 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 3:57 | Elevator Sensor shows no actual Signal | This is an plausibility check. If the Heli starts to vibrate, this shall at least have effect to all sensors. If one of the Sensors do not show the Signal, it may point to a specific problem, not necassary with this sensor, but a general problem. |
| ⚠ | 4:00 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:10 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:13 | Elevator Sensor shows no actual Signal | This is an plausibility check. If the Heli starts to vibrate, this shall at least have effect to all sensors. If one of the Sensors do not show the Signal, it may point to a specific problem, not necassary with this sensor, but a general problem. |
| ⚠ | 4:19 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:29 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:38 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ⚠ | 4:41 | Elevator Sensor shows no actual Signal | This is an plausibility check. If the Heli starts to vibrate, this shall at least have effect to all sensors. If one of the Sensors do not show the Signal, it may point to a specific problem, not necassary with this sensor, but a general problem. |
| ⚠ | 4:48 | High Vibration Level | The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations. |
| ▷ | 4:58 | Raised Vibration Level | There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources. |
| ✔ | 5:08 | 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. |
| ✔ | 5:18 | 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. |
| ✔ | 5:28 | 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. |

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| ✔ | 5:38 | 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. |
| ✔ | 5:48 | 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. |
| ✔ | 5:58 | 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. |
| ✔ | 6:08 | 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. |
| ✔ | 6:18 | 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. |
| ✔ | 6:28 | 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. |
| ✔ | 6:38 | 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. |
| ✔ | 6:48 | 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. |
| ✔ | 6:58 | 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. |
| ✔ | 7:08 | 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. |
| ✔ | 7:18 | 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. |
| ✔ | 7:28 | 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. |
| ✔ | 7:38 | 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. |
| ✔ | 7:48 | 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. |
| ✔ | 7:58 | 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. |
| ✔ | 8:08 | 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. |
| ✔ | 8:18 | 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. |
| ✔ | 8:28 | 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. |
| ✔ | 8:38 | 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. |
| ✔ | 8:48 | 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. |
| ✔ | 8:58 | 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. |
| ✔ | 9:08 | 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. |
| ✔ | 9:18 | 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. |
| ✔ | 9:28 | 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. |
| ✔ | 9:38 | 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. |
| ✔ | 9:48 | 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. |
| ✔ | 9:58 | 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. |
| ✔ | 10:08 | 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. |

| | Time | Message | Description |
|---|---|---|---|
| ✔ | 10:18 | 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. |
| ✔ | 10:28 | 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. |
| ✔ | 10:38 | 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. |
| ✔ | 0:00 | 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. |
| ▷ | 0:06 | 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 |
| ⚠ | 0:16 | 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. |
| ⚠ | 0:22 | Supply Voltage dropped below 4.5V | The Voltage dropped below the given Threshold. This check shows even small drops in the supply voltage. The 4.5 Treshold is not yet critical, but may point to some problems in the supply |
| ✔ | 0:32 | 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. |
| ✔ | 0:42 | 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. |
| ✔ | 0:52 | 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. |
| ✔ | 1:02 | 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. |
| ✔ | 1:12 | 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. |
| ✔ | 1:22 | 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. |
| ✔ | 1:32 | 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. |
| ✔ | 1:42 | 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. |
| ✔ | 1:52 | 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. |
| ✔ | 2:02 | 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. |
| ✔ | 2:12 | 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. |
| ✔ | 2:22 | 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. |
| ✔ | 2:32 | 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. |
| ✔ | 2:42 | 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. |
| ✔ | 2:52 | 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. |
| ✔ | 3:02 | 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. |
| ✔ | 3:12 | 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. |
| ✔ | 3:22 | 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. |
| ✔ | 3:32 | 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. |

| | 0:00 | 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. |
| | 0:06 | 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 |
| | 0:16 | 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. |
| | 0:26 | 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. |
| | 0:36 | 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. |
| | 0:46 | 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. |

| | 0:00 | 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 |