Tree : Eurocae/WBS/Feder-WBS-BSCU-8;1.0 Root : Feder-WBS-BSCU-8 Flight phase : Coef. envir. : Duration : 5 hh 0 min 0 sec Max Risk Approach (via BDD)

Tree : Eurocae/WBS/Feder-WBS-BSCU-8;1.0 Root : BSCU-CH2-LOSS-PUP Flight phase : Coef. envir. : Duration : 5 hh 0 min 0 sec Max Risk Approach (via BDD) BSCU-CH2-LOSS-PUP Channel #2 fails since last check. 3.0595E-04 CU-CMD-SW-LOSS-F BSCU-CH2-PS-LOSS BSCU-CH2-PSM-ERR BSCU-CH2-MONPROC-LOS BSCU-CH2-MONPROC-ERR BSCU-CH2-COMPROC-LOS 100 9.9995E-05 9.9995E-05 1.0000E-06 4.9999E-05 5.0000E-06 4.9999E-05 Ch#1 / Ch#2 command Channel #2 Command Channel #2 internal BSCU Channel#2 Power Supply Channel #2 Monitor Channel#2 Monitor fails channel switch fails, will Power supply loss. (PS) Monitor fails Function Loss. erroneous - false trip by Function Loss. not switch to Ch #2- ... erroneous - false trip by ... monitor.

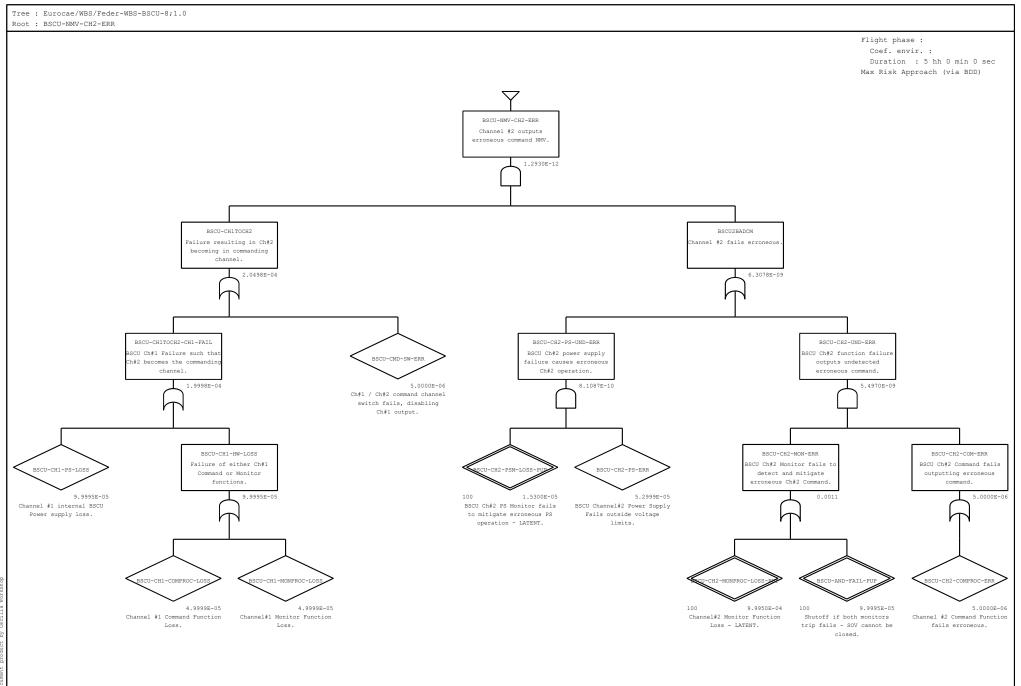
Tree : Eurocae/WBS/Feder-WBS-BSCU-8;1.0 Root : BSCU-CH1-LOSS Flight phase : Coef. envir. : Duration : 5 hh 0 min 0 sec Max Risk Approach (via BDD) BSCU-CH1-LOSS Channel #1 fails during flight. 2.1098E-04 BSCU-CH1-PS-LOSS BSCU-CH1-PSM-ERR BSCU-CH1-COMPROC-LOS BSCU-CH1-MONPROC-LOSS BSCU-CH1-MONPROC-ERR BSCU-CMD-SW-ERR 9.9995E-05 1.0000E-06 4.9999E-05 4.9999E-05 5.0000E-06 5.0000E-06 Channel #1 internal BSCU Channel#1 Power Supply Ch#1 / Ch#2 command Channel #1 Command Channel#1 Monitor Function Channel#1 Monitor fails Power supply loss. erroneous - false trip by channel switch fails, (PS) Monitor fails Function Loss. erroneous - false trip by \dots monitor. disabling Ch#1 output.

Tree : Eurocae/WBS/Feder-WBS-BSCU-8;1.0 Root : BSCU-CH2-SHUTOFFTRIP Flight phase : Coef. envir. : Duration : 5 hh 0 min 0 sec Max Risk Approach (via BDD) BSCU-CH2-SHUTOFFTRIP Channel #2 Monitor trips, invalidating Ch#2. 2.0598E-04 BSCU-CH2-PS-LOSS BSCU-CH2-PSM-ERR BSCU-CH2-COMPROC-LOS BSCU-CH2-MONPROC-ERR BSCU-CH2-MONPROC-LOS 9.9995E-05 1.0000E-06 4.9999E-05 5.0000E-06 4.9999E-05 Channel #2 internal BSCU Channel#2 Power Supply Channel #2 Monitor Channel #2 Command Channel#2 Monitor fails Power supply loss. erroneous - false trip by (PS) Monitor fails Function Loss. Function Loss. erroneous - false trip by \dots monitor.

Tree : Eurocae/WBS/Feder-WBS-BSCU-8;1.0 Root : BSCU-CH1-SHUTOFFTRIP Flight phase : Coef. envir. : Duration : 5 hh 0 min 0 sec Max Risk Approach (via BDD) BSCU-CH1-SHUTOFFTRIP Channel #1 Monitor trips, invalidating Ch#1 2.0598E-04 BSCU-CH1-PS-LOSS BSCU-CH1-PSM-ERR BSCU-CH1-COMPROC-LOS BSCU-CH1-MONPROC-ERR BSCU-CH1-MONPROC-LOS 9.9995E-05 1.0000E-06 4.9999E-05 5.0000E-06 4.9999E-05 Channel #1 internal BSCU Channel#1 Power Supply Channel#1 Monitor Function Channel #1 Command Channel#1 Monitor fails Power supply loss. erroneous - false trip by (PS) Monitor fails Function Loss. erroneous - false trip by \dots monitor.

Tree : Eurocae/WBS/Feder-WBS-BSCU-8;1.0 Root : BSCU-CH1-ERR-CH1TOCH2 Flight phase : Coef. envir. : Duration : 5 hh 0 min 0 sec Max Risk Approach (via BDD) BSCU-CH1-ERR-CH1TOCH2 BSCU Channel #1 erroneous command causes channel switching. 5.0000E-06 BSCU-CH1-COM-ERR BSCU Ch#1 Command fails outputting erroneous command. 5.0000E-06 => S 7/11

Tree : Eurocae/WBS/Feder-WBS-BSCU-8;1.0 Root : BSCU-CH1-COM-ERR Flight phase : Coef. envir. : Duration : 5 hh 0 min 0 sec Max Risk Approach (via BDD) BSCU-CH1-COM-ERR BSCU Ch#1 Command fails outputting erroneous command. 5.0000E-06 BSCU-CH1-COMPROC-ERR 5.0000E-06 Ch#1 Command Function fails erroneous.



Tree : Eurocae/WBS/Feder-WBS-BSCU-8;1.0 Root : WBS-NML-MANUAL-LOSS Flight phase : Coef. envir. : Duration : 5 hh 0 min 0 sec Max Risk Approach (via BDD) 3.3000E-05
Loss of Normal Brake System
Hydraulic (Hydl) Input to
braking components. 5.0000R-06 Selector Valve Fails in closed position, resulting in loss of Hydl pressure. oss of valid Wheel Braki command to NMVs. oss of command from BSC to open SOV. WBS-NMV-ERR cas of Wheel Braking due incorrect (insufficient positionning of NMVs. WBS-BCSU-NMV-IP-ERR WBS-BSCU-IP-LOSS oss of required inputs t BSCU for NMV operation. Loss of required inputs BSCU for SOV operation 2.0000E-04
Loss of braking command
output from BSCU to NMVs.
(§ S18-BSCU-R-0002) 2.0000E-04 BSCU fails to output command to open SOV. ess of both power inp 4.9988E-04 4.9988E-04
Loss of aircraft power bus
PWR#1. PWR#2. 5.0000E-06
Loss of Left pedal position
input#1.
Loss of Left pedal position
input#2.

Tree : Eurocae/WBS/Feder-WBS-BSCU-8;1.0 Root : WBS-NML-ALT-LOSS Flight phase : Coef. envir. : Duration : 5 hh 0 min 0 sec Max Risk Approach (via BDD) WBS-NML-ALT-LOSS Loss of wheel branking Alternate Mode. 2.6309E-04 WBS-BSCU-ASVCLOSE-LOSS WBS-BACKUPVALVE-LOSS WBS-HYD2-LOSS BS-SELVALVE-CLOSED-LO 3.3000E-05 5.0000E-06 2.0000E-05 2.0510E-04 Loss of Alternate Brake Selector Valve Fails in System Hydraulic (Hyd2) open position, resulting input to braking ... in loss of Hyd2 pressure. BS-LH-BACKUPVALVE-LOS WBS-RH-BACKUPVALVE-LOS WBS-BSCU-AS-ERR WBS-ASV-LOSS WBS-BSCU-WHEEL-SEN-LOS 1.0000E-05 1.0000E-05 5.0000E-06 1.0000E-07 2.0000E-04 Failure of LH Back-up Failure of RH Back-up BSCU failure - unintended Anti-Skid Shutoff Valves Wheel speed sensors: 6 or Meter Valve. Meter Valve. closure of ASV. fail in closed or more sensors fail partially closed position. erroneous or inop.

Tree : Eurocae/WBS/Feder-WBS-BSCU-8;1.0 Root : BSCU-NMV-CH1-ERR Flight phase : Coef. envir. : Duration : 5 hh 0 min 0 sec Max Risk Approach (via BDD) BSCU-NMV-CH1-ERR Channel #1 outputs erroneous command NMV. 6.3078E-09 BSCU-CH1-PS-UND-ERR BSCU-CH1-UND-ERR BSCU Ch#1 power supply BSCU Ch#1 Command function failure causes erroneous failure- Ch#1 monitor fails to detect or ... Ch#1 operation. 8.1087E-10 5.4970E-09 BCSU-CH1-MON-ERRON BCSU-CH1-COM-ERR BSCU Ch#1 Monitor fails to BSCU Ch#1 Command fails CU-CH1-PSM-LOSS-BSCU-CH1-PS-ERR detect or mitigate outputting erroneous erroneous Ch#1 Command. command. 1.5300E-05 5.2999E-05 0.0011 5.0000E-06 BSCU Ch#1 PS Monitor fails BSCU Channel#1 Power Supply Fails outside to mitigate erroneous PS operation - LATENT. voltage limits. SCU-CMD-SW-LOSS-PU -CH1-MONPROC-LOSS BSCU-CH1-COMPROC-ERR 9.9995E-05 9.9950E-04 5.0000E-06 Channel#1 Monitor Function Ch#1 / Ch#2 command Ch#1 Command Function Fails - LATENT. channel switch fails, will fails erroneous. not switch to Ch #2- ...