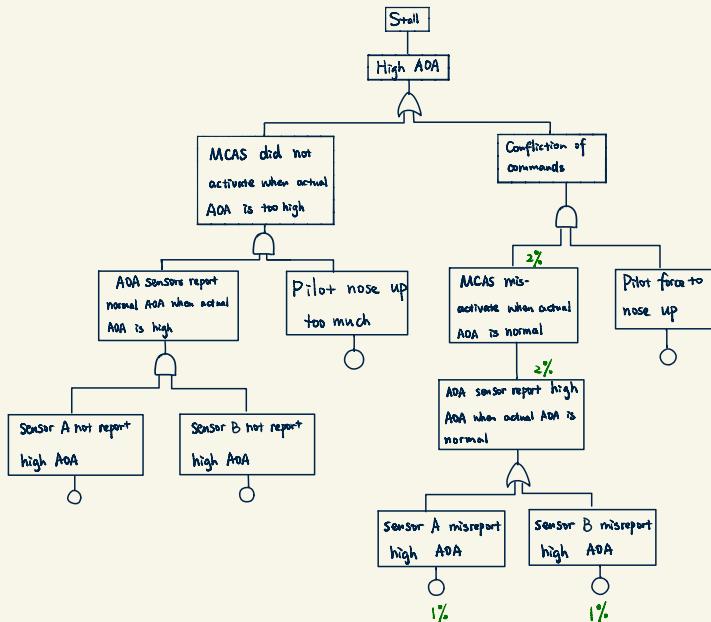
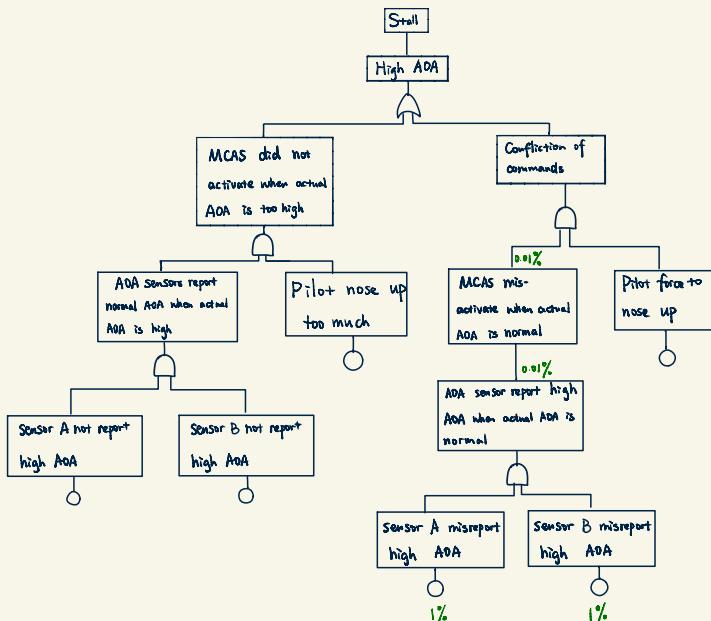


1. FTA on the faulty design



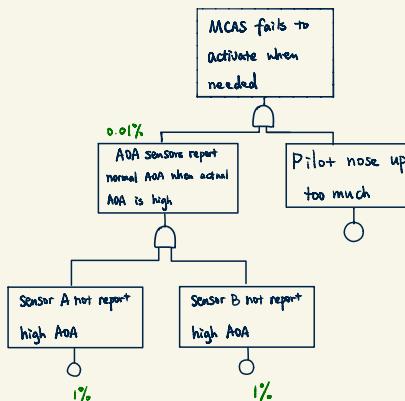
The probability for 'MCAS mis-activation when actual AOA is normal' is 2%

2.



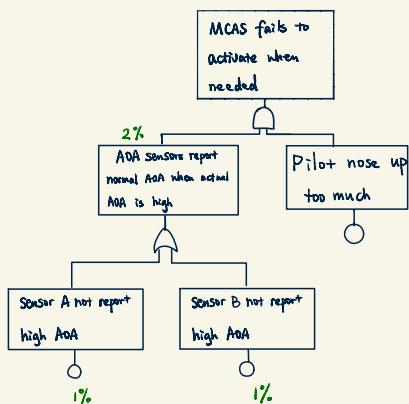
The new probability for 'MCAS mis-activation when actual AOA is normal' is 0.01%

3. 1) faulty design



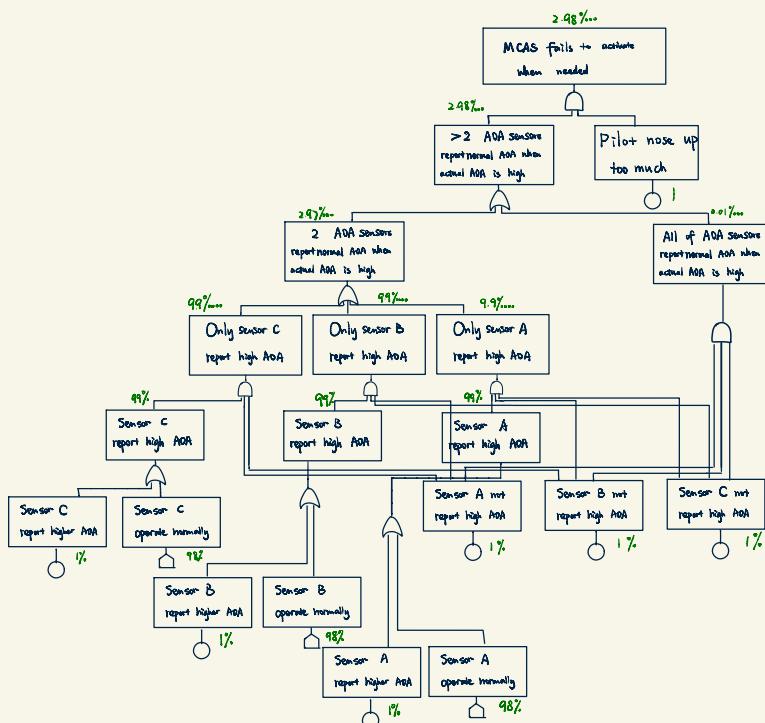
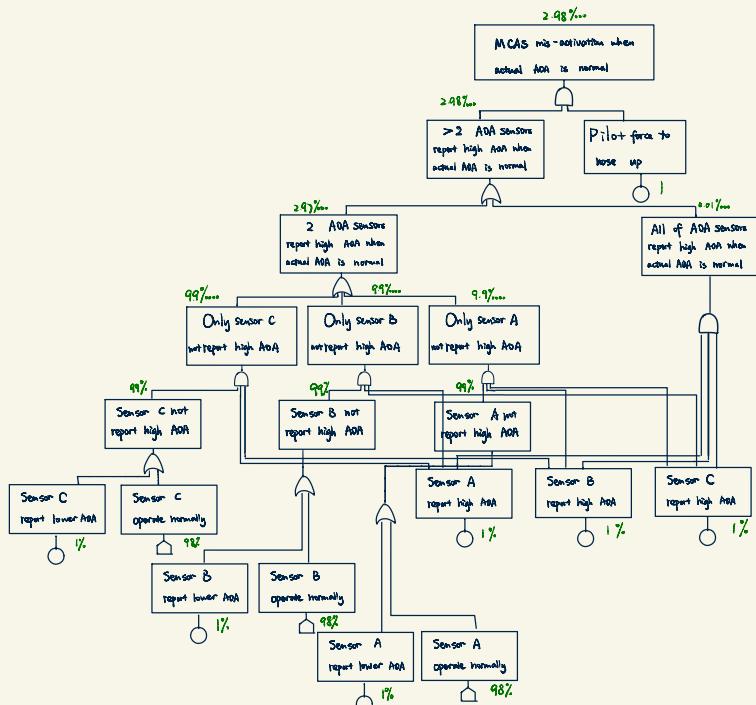
The new probability for 'MCAS fails to activate when needed' is 0.01%

2) aggressive design



The new probability for 'MCAS fails to activate when needed' is 2%

4



Apparently, using 3 sensors is better than either the faulty design or the aggressive one.

The previous two still have a stall rate of 2.01%, but the last one reduces the rate to 5.96%.



	Faulty	Aggressive	2/3
MCAS mis-activation	2%	0.01%	2.98%
MCAS fails to activate when needed	0.01%	2%	2.98%