

we can identify potentially catastrophic outcomes in advance and the combination of elements that will produce each one of them SITUATIONAL AWARENESS

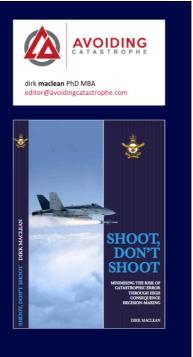
- SITUATION UNDERSTANDING
- **OWN SITUATION**

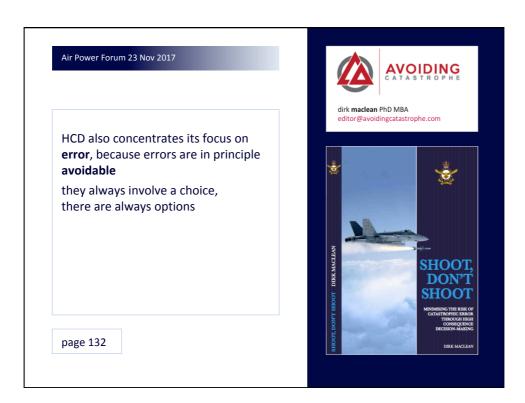
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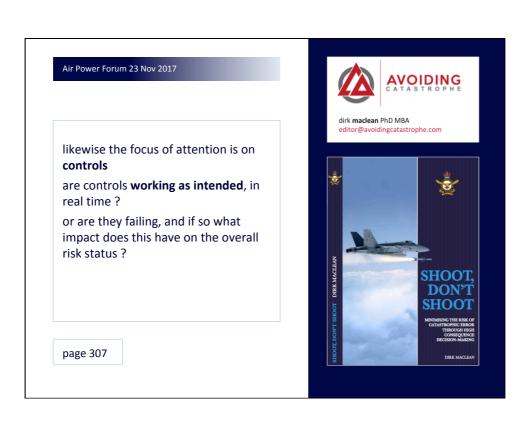
- THE DECISION
- CONSEQUENCES

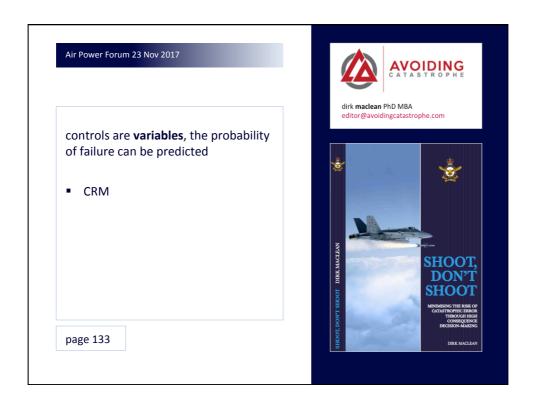


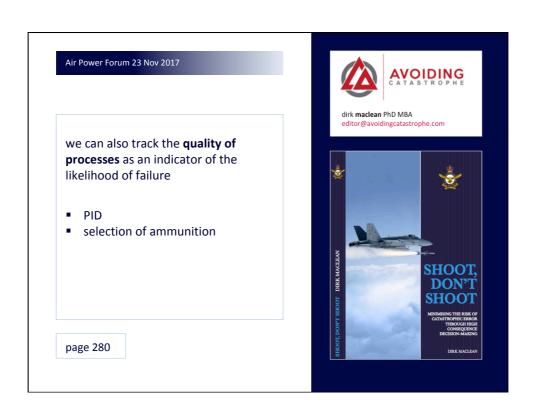
Air Power Forum 23 Nov 2017 we can also identify the critical safety controls that must not be violated except under the most extreme circumstances 'vertical separation' 'control by the ACE' 'line of sight' page 186 page 317







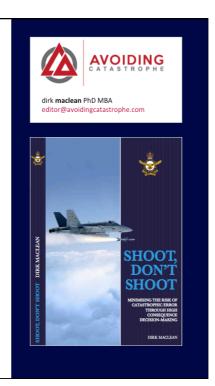




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all of these tools provide us with the capability to manage the **risk** of catastrophic error **in real time**, **before** anything bad happens

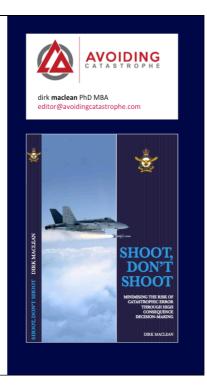
- the HCD framework
- potential for catastrophe
- status of controls
- identification and status of critical safety factors
- process guardian

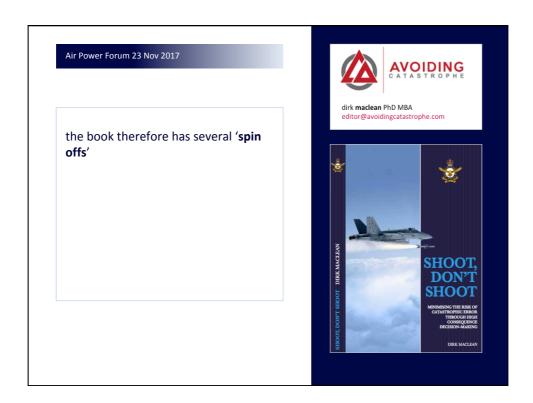


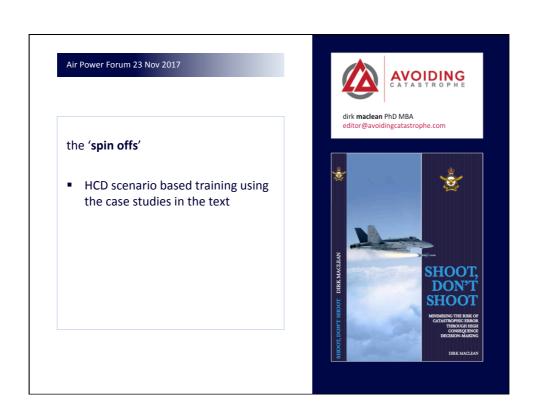
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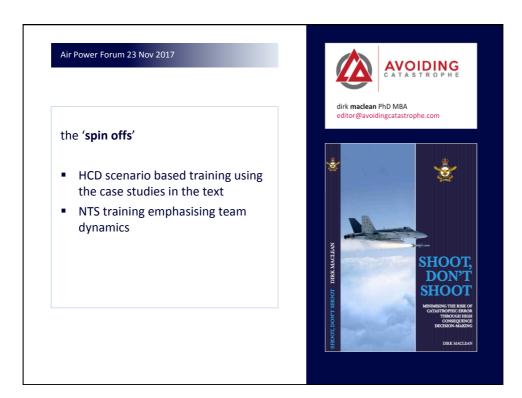
this has several benefits, it -

- informs any 'shoot, don't shoot' decisions
- **2. identifies** the sources of the risk
- 3. allows for **options** to be created











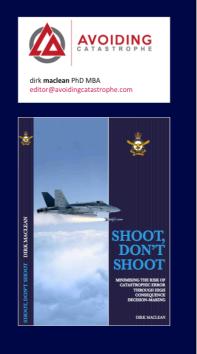
the 'spin offs'

HCD scenario based training using the case studies in the text

NTS training emphasising team dynamics

a method of conducting risk management in real time

software support for real time risk management



the 'spin offs'

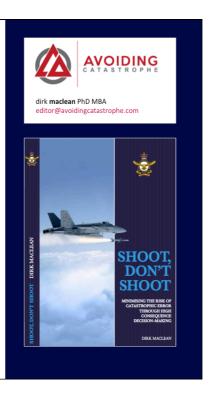
HCD scenario based training using the case studies in the text

NTS training emphasising team dynamics

a method of conducting risk management in real time

software support for real time risk management

a simulator for developing skills in HCD



all of these have both civilian and military applications

- HCD scenario based training using the case studies in the text
- NTS training emphasising team dynamics
- a method of conducting risk management in real time
- software support for real time risk management
- a simulator for developing skills in HCD

All PDDW dirk maclean PhD MBA editor @avoidingcatastrophe.com

SHOOT, DON'T SHOOT WARRENCE BROWN MICHOLOGICAL PROPERTY BROWN MICHOLOGICAL

why is the book written the way it is?
why so much detail to the case studies?

SHOOT, DON'T
SHOOT, SHOOT,

