CAPABLE

Dedicated to innovation in aerospace

Next Generation Training

Comprehensive Analysis Process

Aviation **B**lended **L**earning **E**nvironments

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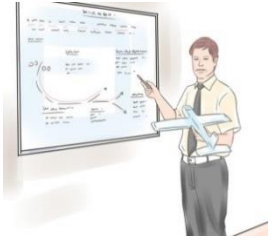
The higher the fidelity, the better the training!?!

Alternatives



Selection of training media

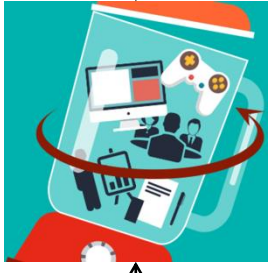
Cool technology!

Promises!

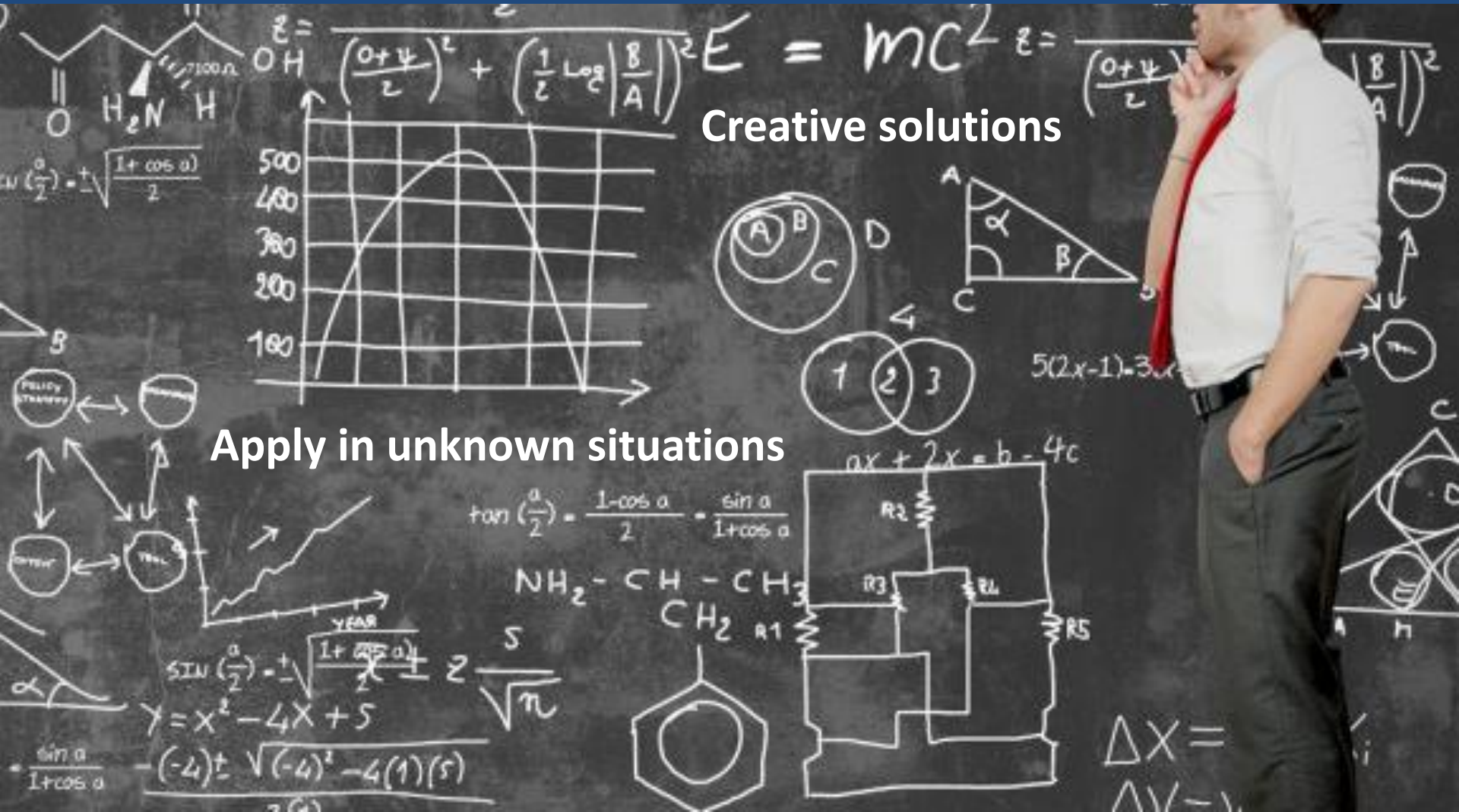
User requirements

Essence of Task

Minimum user requirements

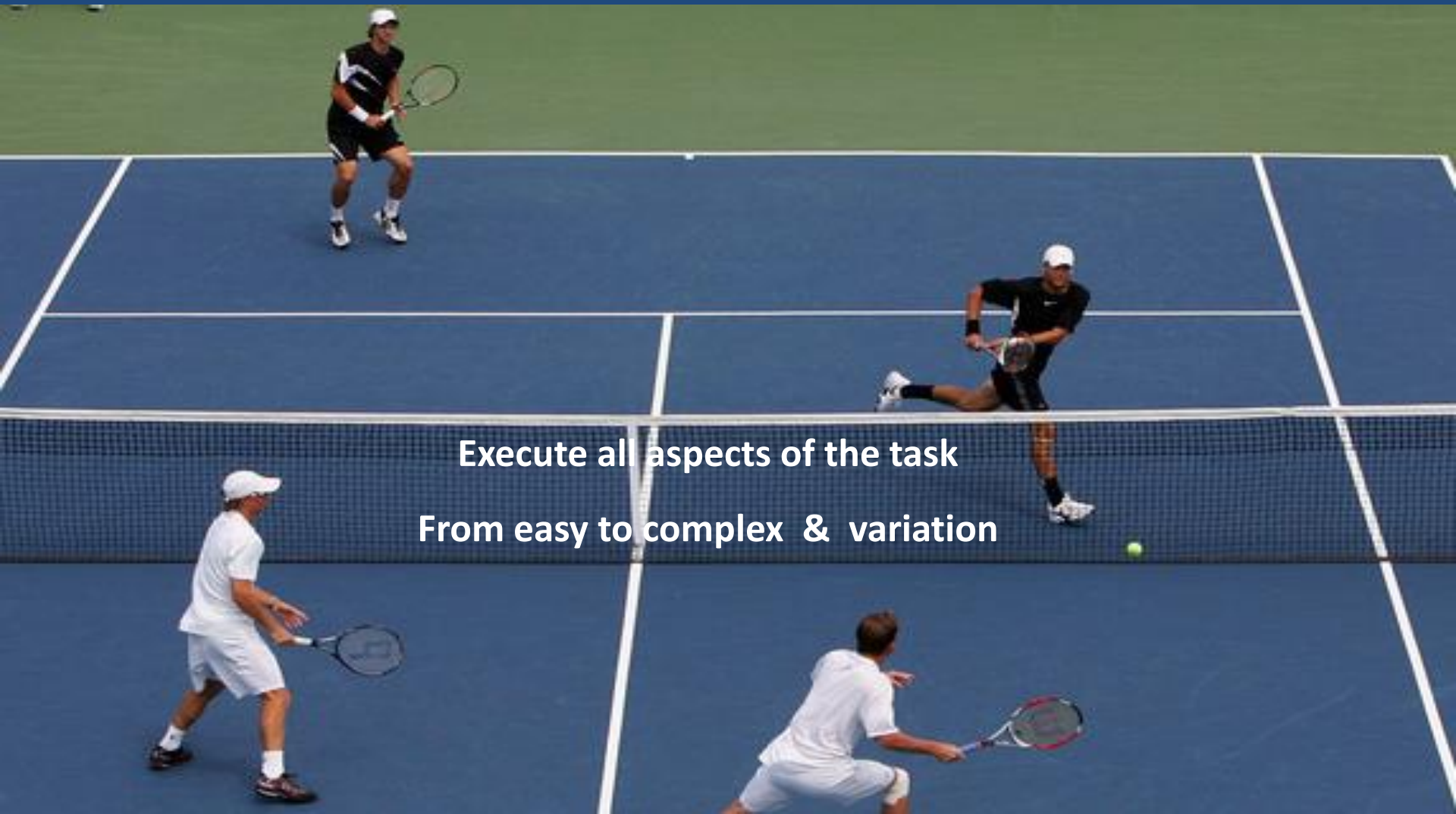


Productive tasks



Reproductive tasks

Whole tasks


Execute all aspects of the task
From easy to complex & variation

Part tasks

Execute isolated task

Can be Automation of skills

In between part & whole task

Train for the unexpected!

First integration & variation, then complexity

Picture: Brendan McDermid/Reuters

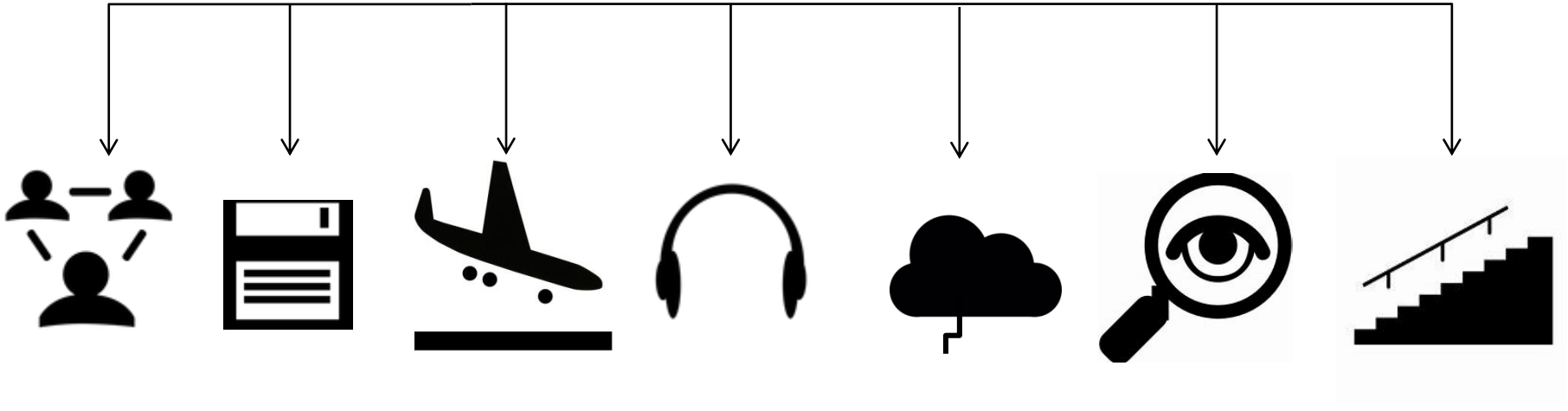
CAPABLE

Comprehensive Analysis Process Aviation Blended Learning Environments

Capable- user requirements

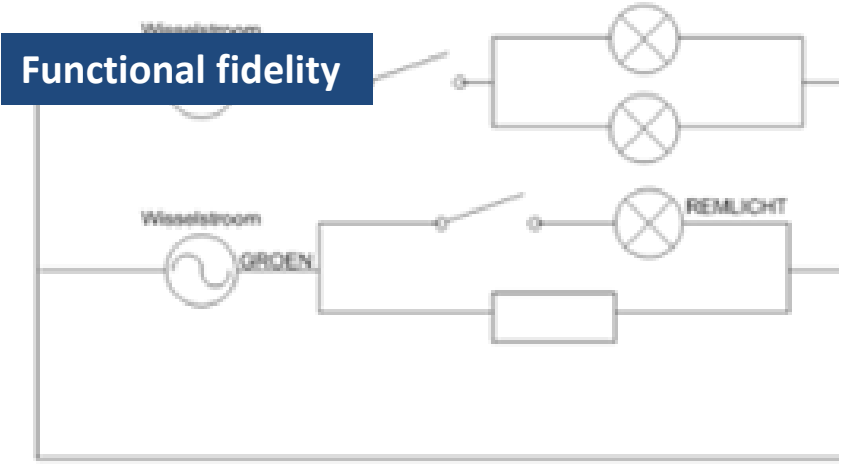
Autoland monitoring

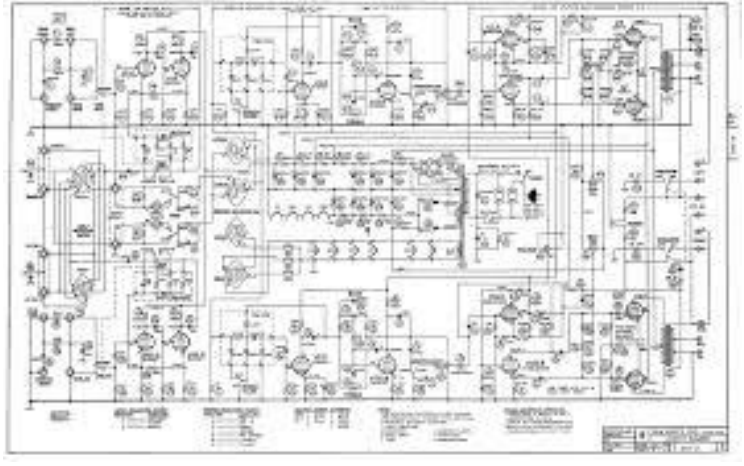
- ✓ Application of procedures
- ✓ Situational awareness



Media requirements

Functional fidelity





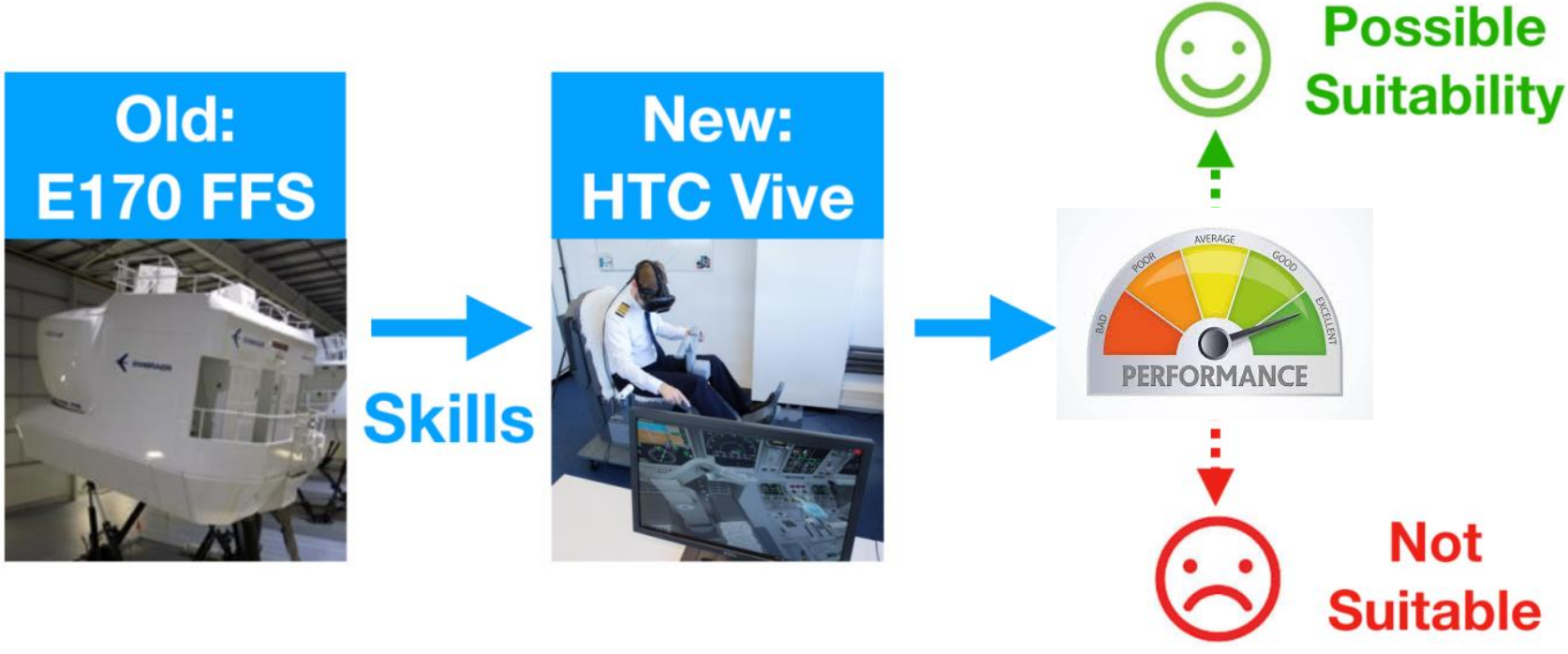
Physical fidelity

Ready for the future

Accessible

Experiments

VR Headset for autoland monitoring



Take aways...

- High level simulation is not always the necessary for the task
- Training solutions can be mixed and matched in support of each other
- EBT competency guide can be used to define essence of task
- Important to train the bigger picture!
- A good process to optimize the blend of solutions is needed

The proof of the pudding is in the eating!