A systems approach to the selection of media for aircrew training [Poster]

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Problem

- Develop an approach to optimise the selection of training media equipment for aircrew training scenario.

Goals

- Capture and/or transform qualitative data in a quantitative form
- Trade-off between minimise cost and increase performance
- Trade-off between live and synthetic

Method

- Sequential Exploratory Strategy

  Recommended when:
  - Test theories
  - Develop new tool

  ◆ Theory:

  ◆ Decision-Making Support Tool

Results

- The Theoretical Model of Mission Training Environment Set-up

  ◆ The Model describes the primary elements that influences the decision-making process
  ◆ The Model presents concepts at a high level of abstraction

Conclusions

- The Model allows decomposition and defines the relationships between variables
- Objectively measures and tracks the interactions between the elements that ensure the effectiveness of a training exercise (in terms of training equipment use)
- Captures and preserves Subject Matter Experts knowledge

References


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