



Evidence-Based Training (EBT) in MPL Training

T3 Aviation Academy Standards

Captain Nadhem AlHamad
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Definition – Evidence Based Training

Evidence based training represents a paradigm shift in aviation training, prioritizing competency and proficiency in task performance and risk management over traditional quantitative metrics, such as hours of training completed.

It leverages empirical data and systematic analysis to pinpoint essential competencies for pilots, thereby enabling targeted instructional strategies to bridge performance gaps.



Scenario Based
Training



Data Driven
Approach

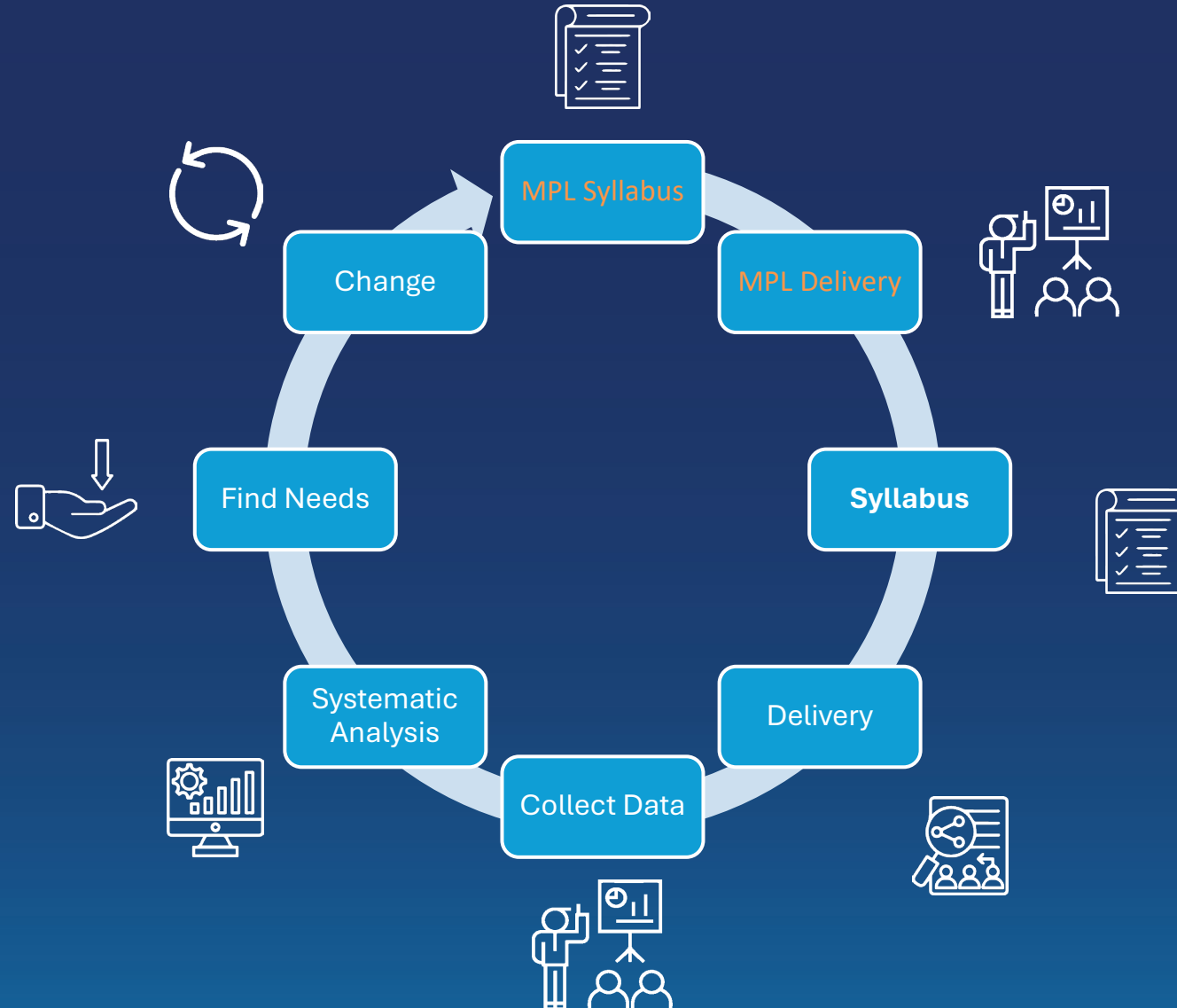


Competency Based
Approach Focus

The Process – Evidence Based Training



The Process – Evidence Based Training



MPL Training – Competency based

The MPL training is predicated on fostering competencies essential for multi-pilot operations, with a significant emphasis on scenario-based simulations that closely mimic airline operational challenges.



Decision making



Problem solving



Communication



Leadership

Training Differences



*minimum 240 hours of training

** minimum 250 hours of training

Benefits of EBT in MPL Training



Enhanced Safety



Improved Team Performance



Cost-effectiveness

Future of EBT



Technological Advancements



Feedback Loops

Challenges and Considerations



Data Collection &
Analysis



Culture Shift



Custom Training
Programs

Common Misconceptions about MPL Training

- MPL is just like Traditional Training
- Flight Hours are the only measure of competence
- Simulators can replace all flight experience

Q&A

THANK YOU.