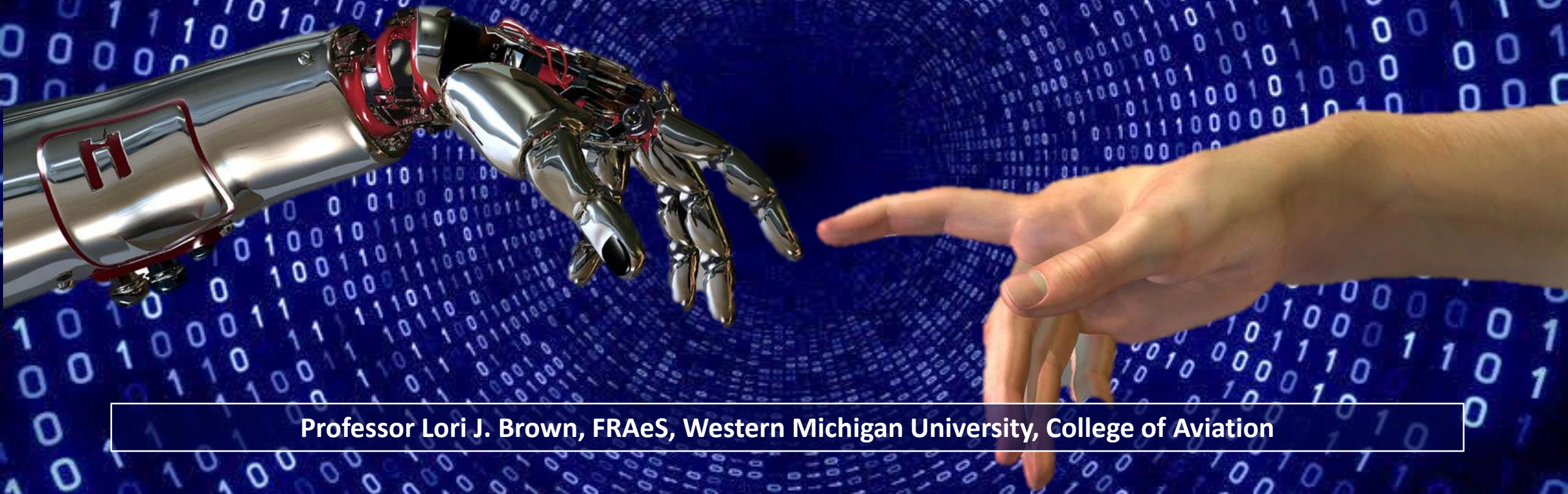


Tapping into the Future of Mixed Reality to improve Training Efficiency

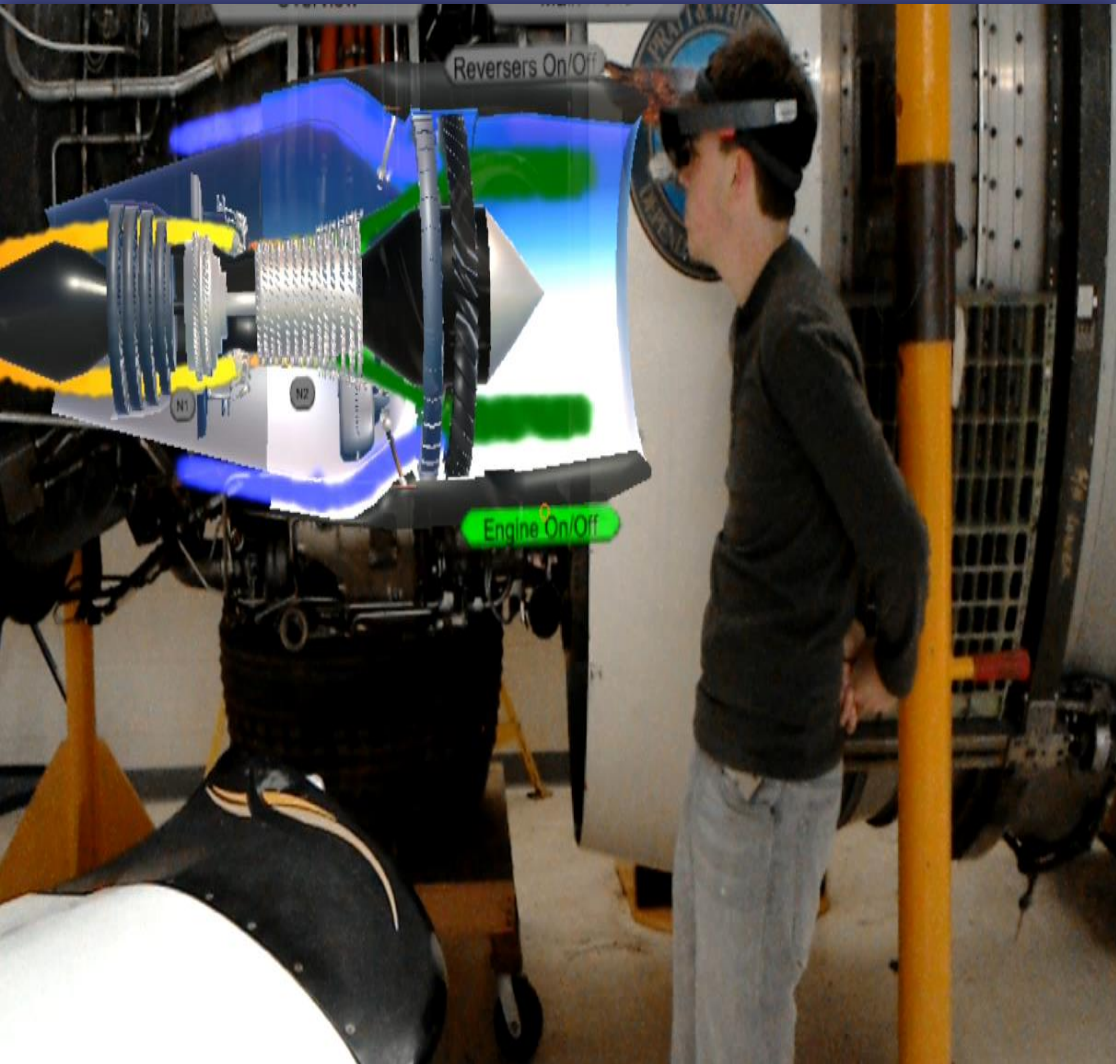


Professor Lori J. Brown, FRAeS, Western Michigan University, College of Aviation

WHAT IS AUGMENTED REALITY ?



HOW CAN WE USE AUGMENTED REALITY IN AVIATION TRAINING?

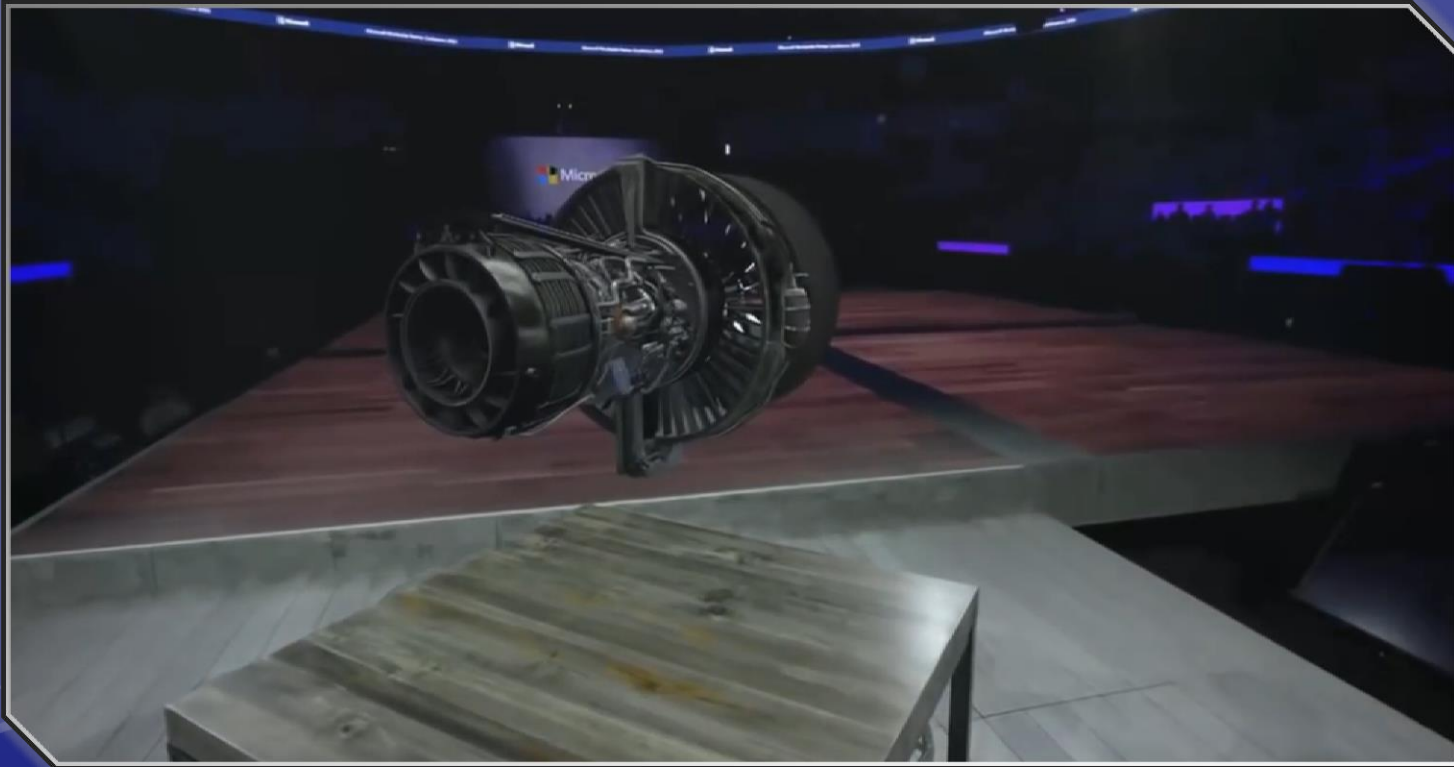


- Create virtual laboratories
- Create virtual Flight decks for Procedure Training
- Supplement flight training procedures with digital content
- Integrate Augmented reality into Maintenance Operations such as part numbers, procedures, tools, maintenance manual information and link to MRO support.

Interactive Augmented reality allows pilots to practice procedures anytime and at any place.



**Create Virtual Training and Lab equipment
when Space and Resources are lacking.**



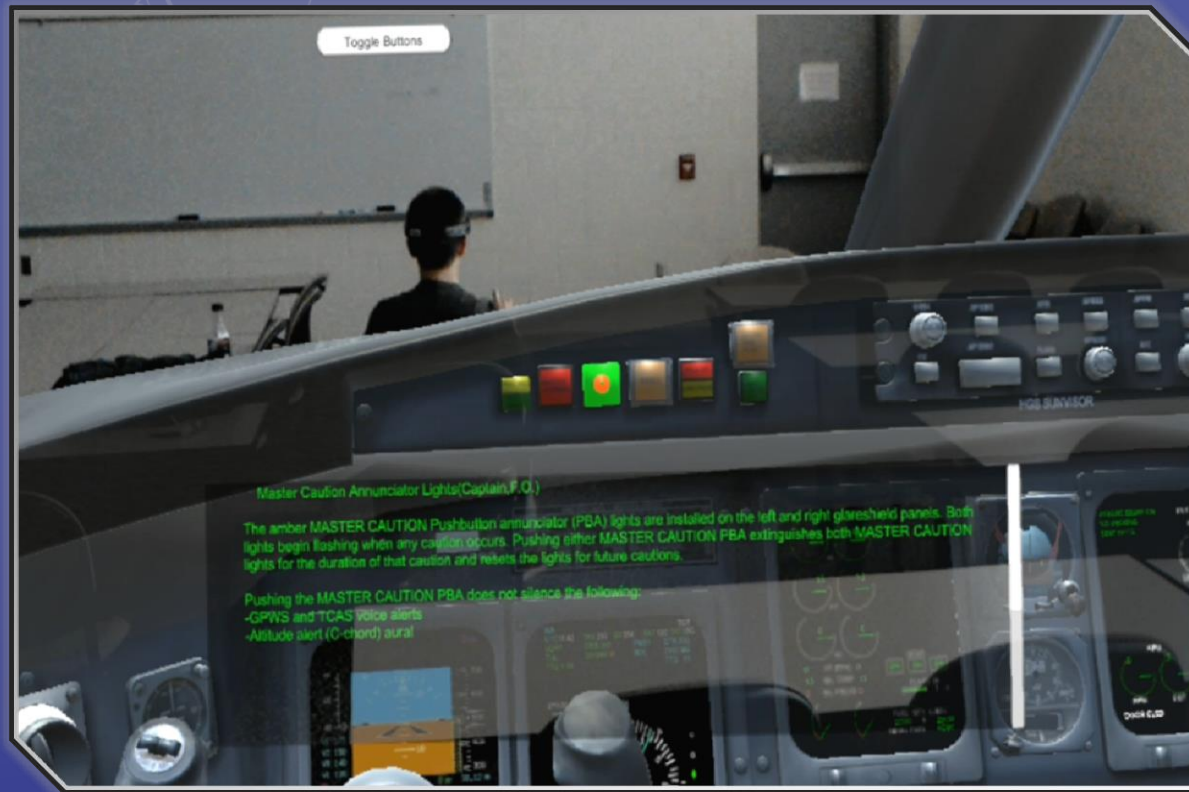
Japan Airlines Augmented Engine

Augmented Reality glasses have wireless digital computers with head tracking which respond to voice and hand gestures.



Pilot can Interact with the Hologram to aid in muscle memory and crews can train together.





Bridge the gap between classroom and simulation.



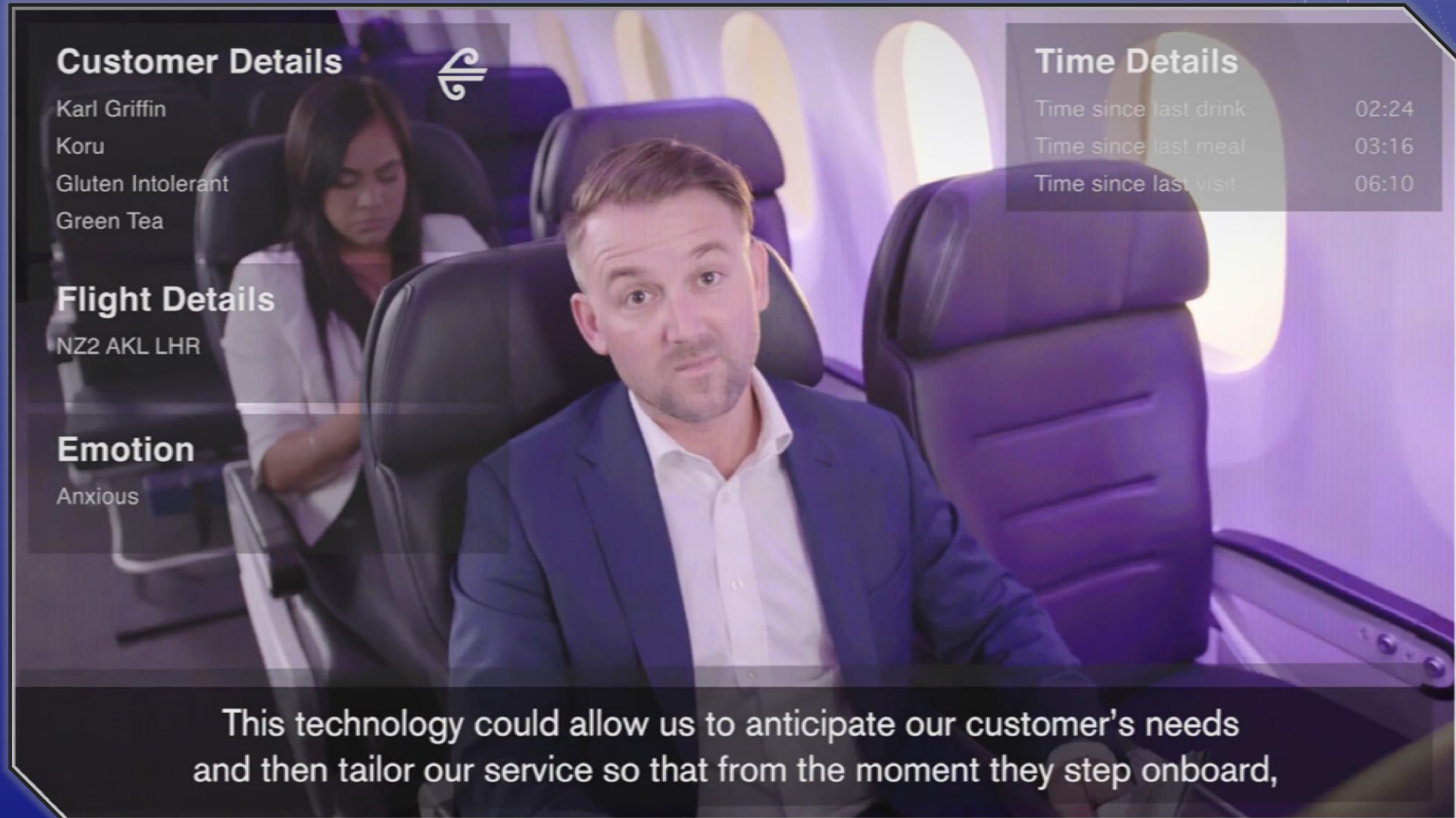
Instructor can see what the student is doing on his computer and interact in real time from any location. Session is filmed for debrief.



A peak inside Microsoft HoloLens Training at Western Michigan University



PILOTS ARE NOT THE ONLY ONES HARNESSING THE TECHNOLOGY AT AIR NEW ZEALAND.



Customer Details

- Karl Griffin
- Koru
- Gluten Intolerant
- Green Tea

Flight Details

- NZ2 AKL LHR

Emotion

- Anxious

Time Details

Time since last drink	02:24
Time since last meal	03:16
Time since last visit	06:10

This technology could allow us to anticipate our customer's needs and then tailor our service so that from the moment they step onboard,

**The best way to predict the future is to invent it.
It is a very good time to start inventing the
future of aviation training.**

**Join us on this journey
For more information contact:
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