The Next Generation of Aviation Training

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The **NEW** Generation of Aviation Training

- Augmented reality
- 3D Modeling
- Cost effective solutions
Alpha Generation
It has been recognized by the international aviation community that there will be an anticipated shortage of skilled aviation professionals in the near future. In order to address this important issue, ICAO launched the Next Generation of Aviation Professionals (NGAP) initiative to ensure that enough qualified and competent aviation professionals are available to operate, manage and maintain the future international air transport system.
Organizations which have supported ICAO NGAP
The Future is about Seeing More
Augmented reality

NLR augmented reality concept demonstrator. www.nlr.hl
The Future is about Feeling more with Haptic Technology

- Sound travels through air by creating a pressure differential
- UltraHaptics use a small collection of ultrasonic speakers, concentrating the sound waves to a specific point
Further Development

• Virtual Reality Glasses
• Augment Reality Glasses
• Haptics
Help

Each pack is protected from over-temperature and overpressure conditions.

Automatic shutdown occurs when excessive temperature is detected at the compressor or pack outlet. This is indicated by an amber FAULT light on the air conditioning panel. The pack can be reset when it cools below 85°C.

A pack also automatically shuts down and the FAULT light illuminates when overpressure occurs between the primary heat exchanger and the compressor.

The pack can be reset once pressure is at or below 60 psi.

The left pack supplies 70% of its output to the flight deck and 30% to the distribution manifold to use in the passenger cabin. The airflow from the flight deck is routed through the avionics bay to the outflow valves.

Pack Pressure Readout

- Normal: 5 to 46 psi
- Caution: 47 to 51 psi
No More One size fits all!

User defined training platforms

• Update as your manuals change
• Create your own training scenarios
• Integrate your company culture
• Integrate your procedures
• Upload your checklists, images and
• Embed AR 3D models
• Create the cockpit to match your...
• Change with your changing needs
ADD a AR viewer or QR codes
The Promises of Augmented Reality in the Palm of your Hand
Study and Explore anywhere
Overlay 3D Models on real equipment
Make your own QR Codes for training

ADD .QR to the shortened URL, paste in browser and you will have Code
Holo Lens

Bring products and information to life.
Thank You

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