



Using Game Engines for Next-Gen Flight Simulators

80193.743, 16851.825, 6454.827m) (0.15227077°, 0.12664589°) 6454.83m (6384553.834, 14112.363, 16854.365m)

Who likes a challenge?

Is there a problem...

Boeing forecast

Boeing Pilot & Technician Outlook concludes;

“The aviation industry will need to supply more than 602,000 commercial airline pilots worldwide over the next 20 years”

UK MOD

UK Defence secretary Ben Wallace

“The UK has more state-of- the-art F-35 fast jets than pilots due to problems with training”



Training Complexity

Training devices - **Certified**

Footprint - **Size**

High end graphics - **Immersion**

Cost - **Significant**



Deployability / Immersion

The image features two stylized wireframe heads, one on the left and one on the right, facing each other. The heads are composed of a network of lines and nodes, resembling a digital or neural structure. The left head is rendered in a purple-to-blue gradient, while the right head is in a blue-to-white gradient. The background is a dark blue gradient with horizontal lines of light emanating from the heads, suggesting a high-tech or futuristic theme.

Deployability / Immersion

XR Technology

The background features two stylized human heads in profile, facing each other. They are constructed from a network of white lines forming a wireframe mesh. Inside the head meshes, there are glowing blue and white circuit-like patterns, including nodes and connecting lines. Horizontal lines of varying lengths extend from the sides of the heads, suggesting a digital or networked environment. The overall color palette is a gradient of dark blue to light blue.

Deployability / Immersion

XR Technology

Kinesthetic cues

Project Antoinette



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dedication + innovation



Meta
AEROSPACE



UNREAL ENGINE

#AntoinetteProject

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Who likes a challenge?

The Challenge

You now have access to technology

- Small footprint
- High end graphics
- Reduced cost

Adapt the training curriculum

- To exploit technology
- Reap the benefits
- Reduce cost but not quality

Project Antoinette

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UNREAL ENGINE

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