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V3: Flight Simulator Technology

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FLIGHT SIMULATOR TECHNOLOGY

Long were the days of relying solely on textbook readings and real-time flying where pilots and crew have the chance to learn to fly from the humble Cessna to the Queen of the Skies using flight simulator technology to recreate near-identical flying environments right from your screen or cockpit mockup!



Isaac Chung (he/him)

Born and raised in Taiwan, he's our President and a true aviation & flight simulator enthusiast. He enrolled in APEX's Flight Grading course and loves Diamond!

Genta Adjie (he/him)

Our Vice President from Indonesia might not have real-life flight experience, but he's been flying on Microsoft Flight Simulator since he was five and is still flying now!

WHAT IS V3

Volatus Virtualis Revamped (V3) is an interest group of Embry-Riddle Aeronautical University Asia. We offer students, especially aspiring pilots, the chance to fly aircraft as little as the humble single-engine propellers all the way to four-engine superjumbos all while being taught the basics of flight, IFR/VFR operations, interpreting navigation charts and weather reports, and so much more.



OBJECTIVE

Develop student pilots' abilities and confidence in flight operations and get them ready to fly prior to flight training.

OUR FLYING GEAR

- Logitech Pro Flight Simulator Bundle:
- Pro Flight Yoke & Throttle Quadrant
 - Pro Flight Rudder Pedals
 - 6x Pro Flight Instrument
 - Pro Flight Switch Panel
 - Pro Flight Multi Instrument Panel
 - Pro Flight Radio Panel

Thrustmaster TCA Officer Pack Airbus Edition

WHAT WE NOTICED

- Less comprehensive default aircraft inventory
- Lack of functionality of default aircraft
- Complete yet relatively outdated flying gear that doesn't accommodate all aircraft types



WHAT WE'VE DONE SO FAR

- Purchased the PMDG 737-700
- Purchased the FENIX Simulations A320
- Purchased the Thrustmaster TCA Officer Pack Airbus Edition for an enhanced Airbus flying experience
- Installed Digital Combat Simulator for military flight
- Installed Flight Simulator Live Traffic Liveries (FSLTL) to generate real-time air traffic
- Partnered with ERAU's Photography Club to hold a BBQ end-of-term event



PMDG 737-700 with the Logitech Pro Flight Simulator Bundle



FENIX Simulations A320 with the Thrustmaster TCA Officer Pack



WHAT TO LOOK OUT FOR

- More end-of-term events
- Flight simulator competitions open to all students with valuable prizes
- The implementation of more flying gear and high-fidelity addons
- Partnerships with external aviation institutions or other ERAU interest groups

