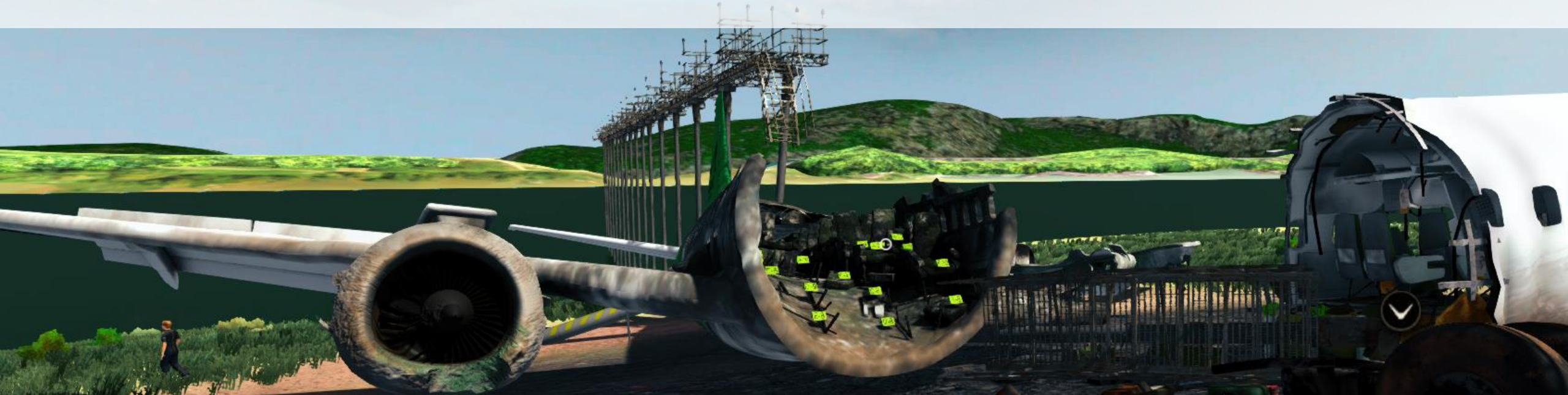




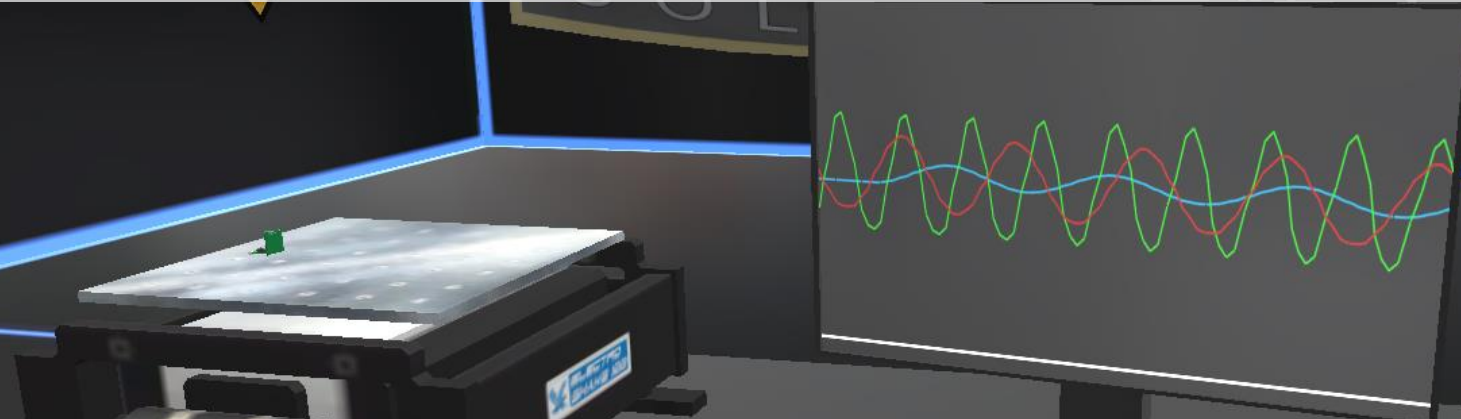
Innovation



One of a kind – Based on actual events – Built on Unity gaming engine – Inspired by faculty – No physical boundaries



Business Results



Dynamics

Camera Controls

Change Position

Shake Table Controls

Shake Table On

Data Capture On

X: Amplitude (%)

X: Frequency (%)

Y: Amplitude (%)

Y: Frequency (%)

Z: Amplitude (%)

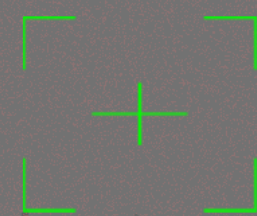
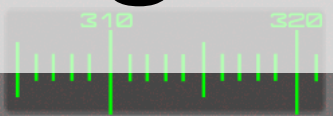
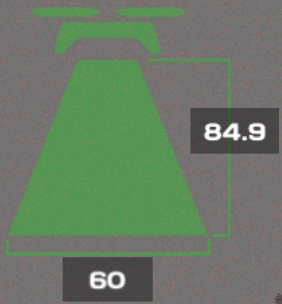
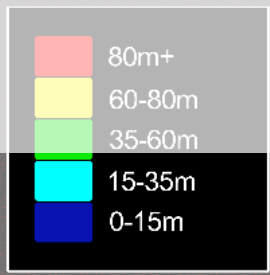
Z: Frequency (%)

Export Data

- Virtual labs in 7 courses – 700 students per year
- New degree MS Unmanned Autonomous Systems
 - 7000+ participants in free open courses



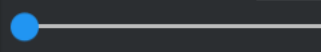
Overcoming Challenges



Camera Controls



Zoom (%) 0



NRM FLIR

LIDAR PILOT

Flight Controls

Restart Flight

0 >>

Wind Direction (°)

Wind Speed (m/s) 14

Back to Plan

Back to Assembly

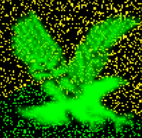
Take Photo

Export Data

New environment – Incorporating gamification – Usability
 – Realistic graphics and scenarios

RPM
6750
TEMP
58.02

LAT: 37° 52' 17.86 N
 LON: 118° 27' 5.34 W
 ELEV: 2375.122M



SPD: 13
 DIS: 1202.735