

Weather for Emerging Modes of Transportation



Rex Alexander
Vertical Flight Society



Dr. Joseph Rios
NASA



Marilyn Pearson
FAA

Part – 1 Requirements & Challenges



What will be the “DESIGN AIRCRAFT”?

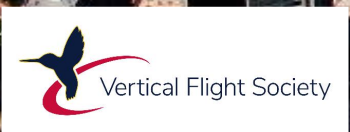


>200

Lurie Children's Hospital
Chicago, IL

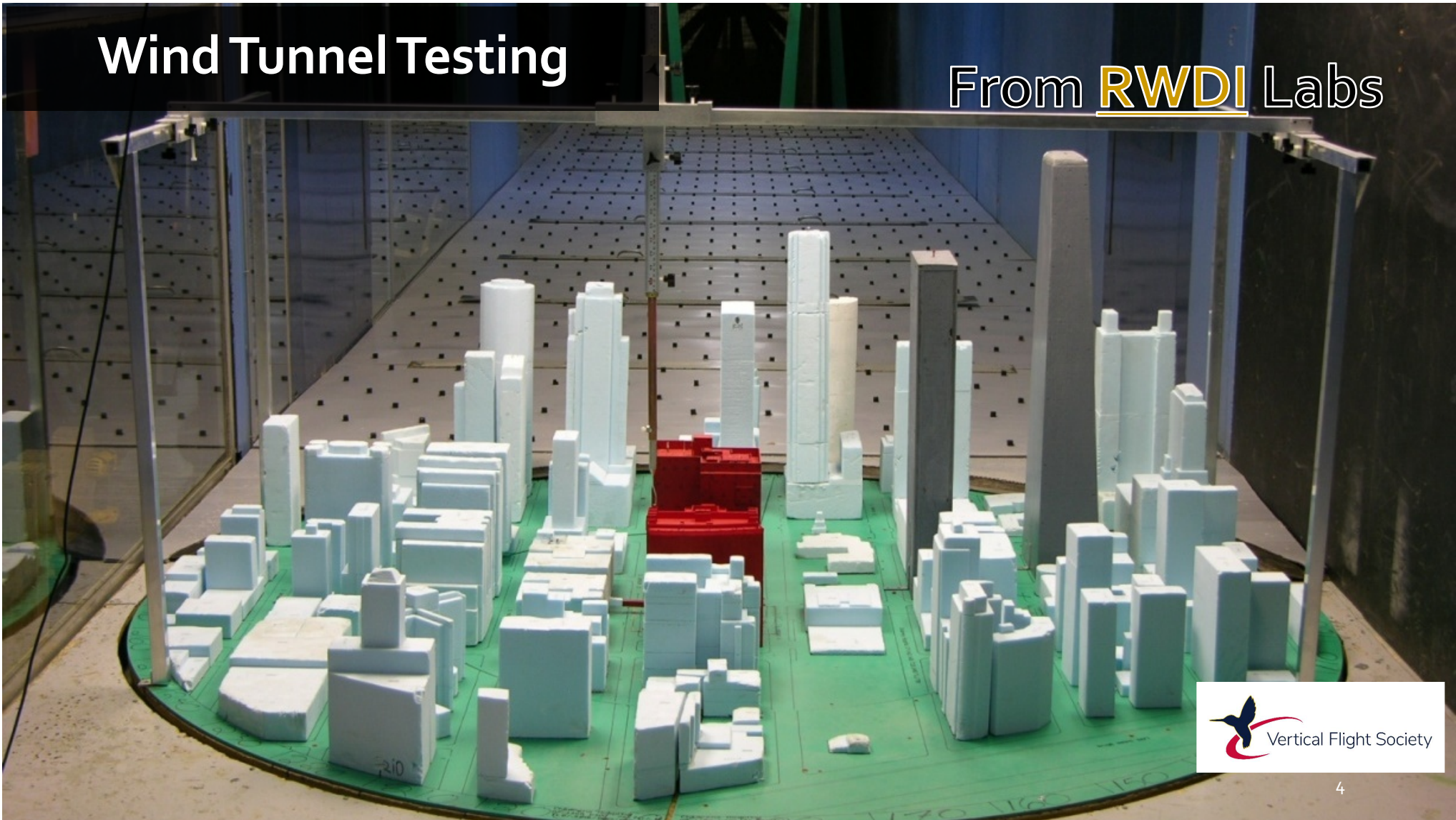


The Urban Canyon



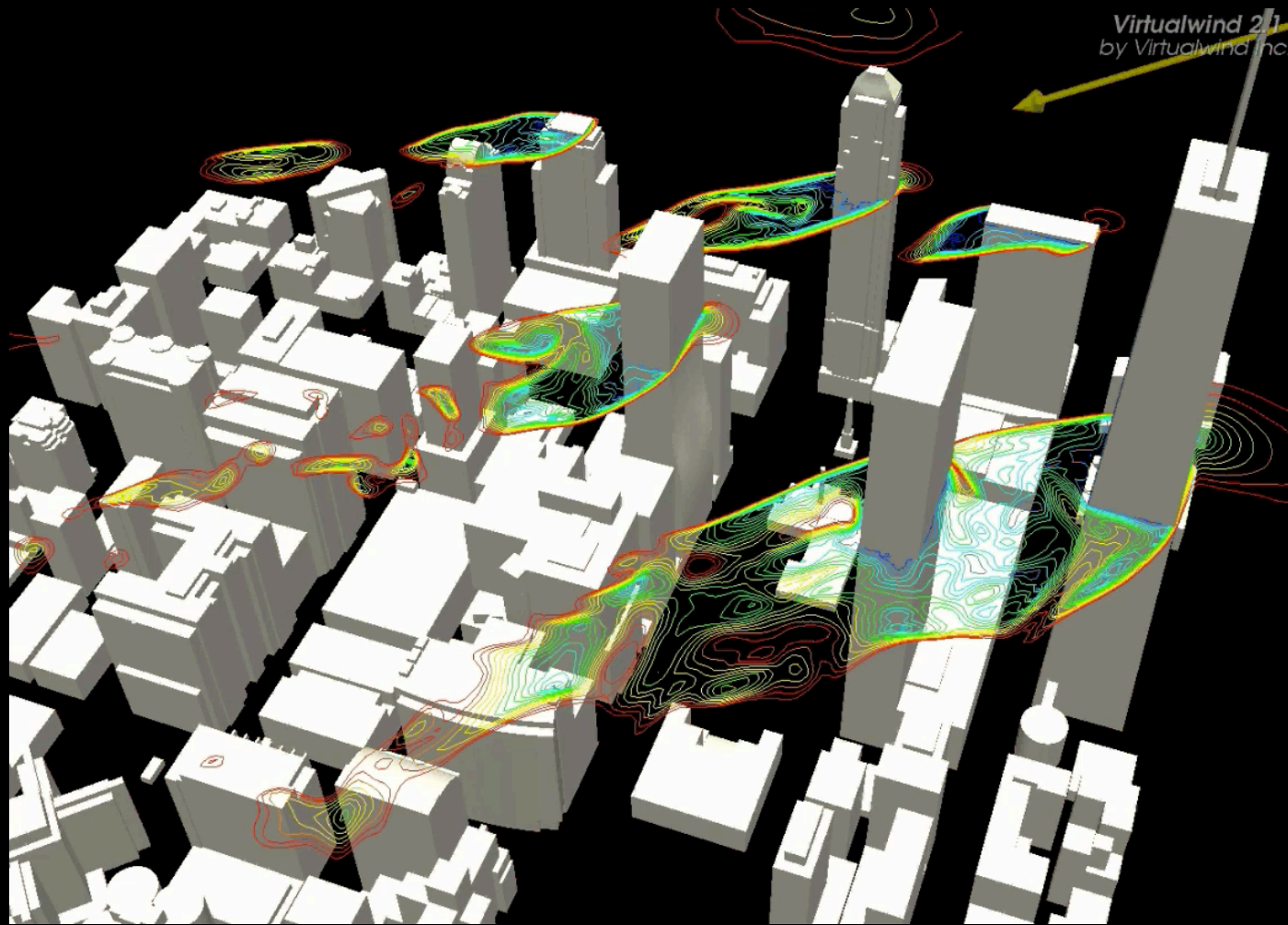
Wind Tunnel Testing

From **RWDI** Labs



Wind Tunnel Testing

(see separate wind-tunnel-testing-remix.mp4 file)



Architecturally Induced Turbulence at Rooftop Heliports

WIND

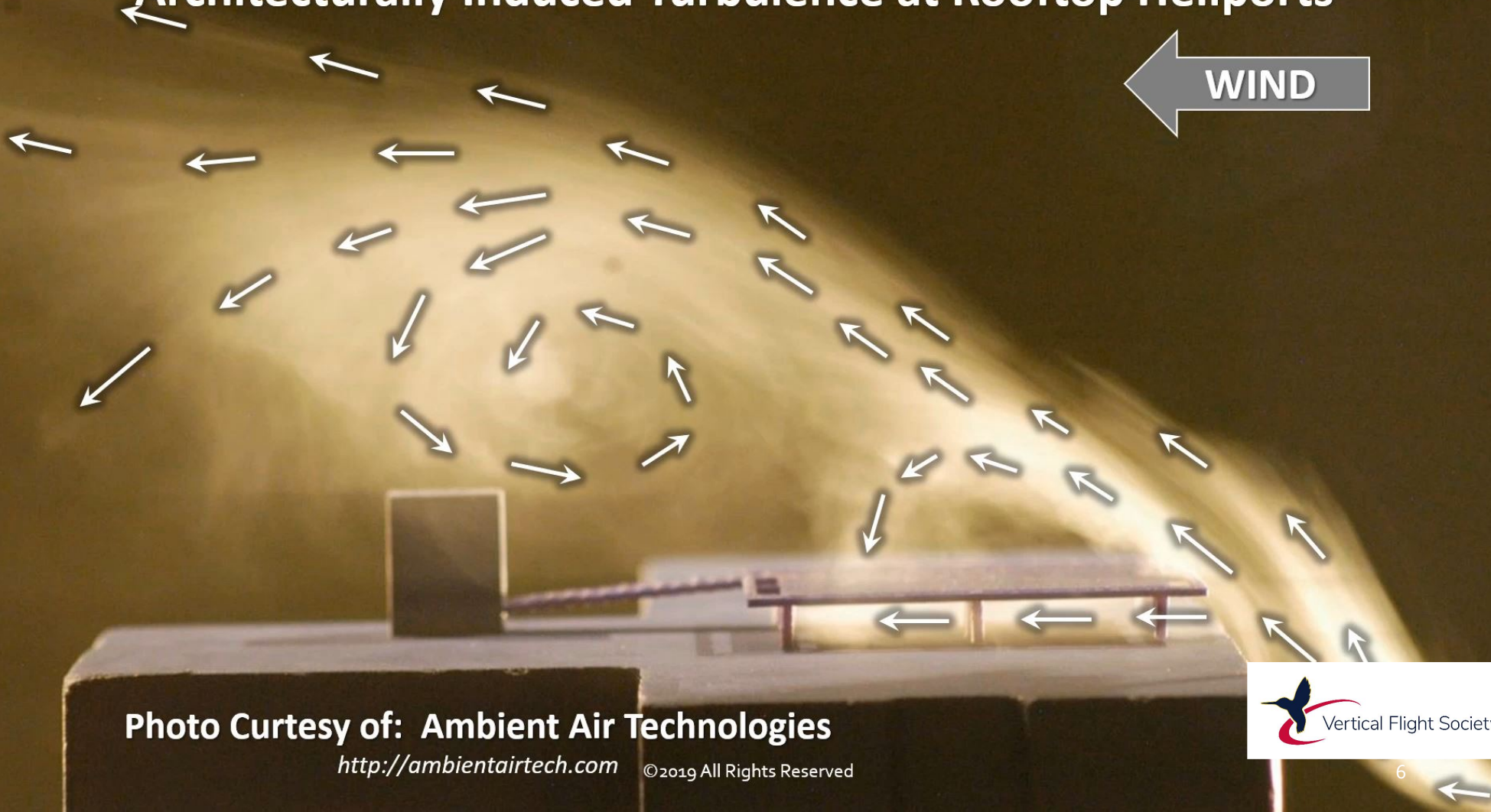
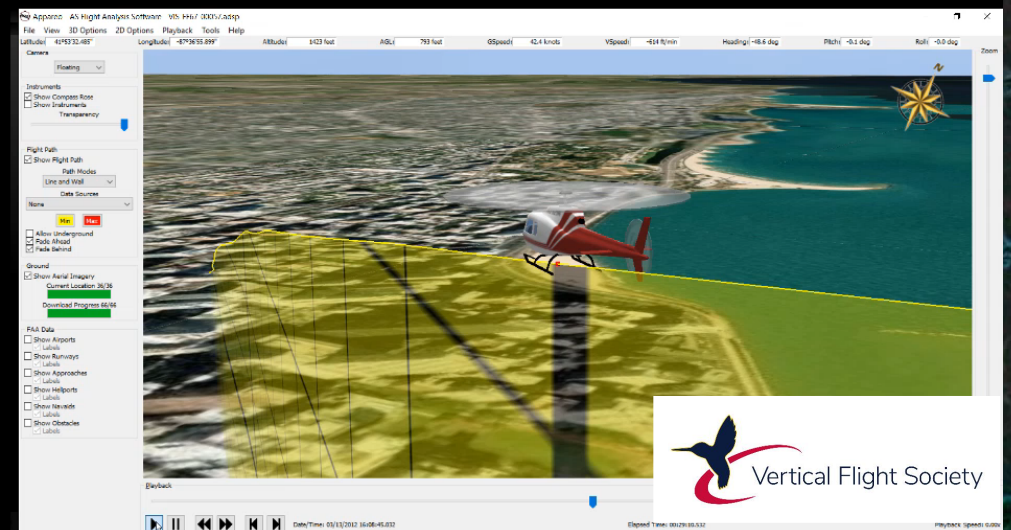


Photo Courtesy of: Ambient Air Technologies

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Weather Station Density

