

# ACE ACADEMY

## FLIGHT EXPERIENCE



## Ace Academy — Flight Experience

Space required: 192–320 ft<sup>2</sup> (18–30 m<sup>2</sup>)

**Pilot a First World War biplane using motion sensing technology.** Players enter an immersive environment — facing the screen and standing on the rondel to activate this intuitive experience. Authentic aircraft imagery takes centre stage as players fly a realistic rendering of the Canada Aviation and Space Museum's Sopwith Ship Camel biplane. Moving their arms up and down, and tilting their bodies, players manoeuvre an airplane onscreen — dodging enemy aircraft and aligning themselves to fire.

This flight experience is based on **Ace Academy**, an educational game produced by the Canada Aviation and Space Museum in partnership with SEED Interactive. The game features other aircraft from the Museum's extensive First World War collection as it guides players through levels that explain how aircraft fly. Ace Academy and its sequel **Ace Academy: Black Flight** are available for free on the App Store and Google Play. These games complement the exhibit, extending players' engagement and learning beyond the flight experience.

### Target audience

- Adults
- Children and youth
- School groups

### Languages

- All exhibition elements are bilingual.

### Exhibition components

- Large flight simulation backdrop — metal frame covered with printed fabric
- Smaller structure housing xbox kinect and sensor, monitor, and computer

### Space requirement

- 192–320 ft<sup>2</sup> (18–30 m<sup>2</sup>)
- Footprint 8 ft × 12 ft (2.4 m × 3.6 m), plus 4 ft to 8 ft (1.2 m to 2.4 m) of surrounding space

### Support material

- Promotional resources
- Condition report
- Installation and packing guides

### Shipping and installation

- One Crate on wheels / 400 lb (181 kg)  
88 in × 37 in × 64 in (2.2 m x 0.94 m x 1.6 m)
- Set-up: 2–3 hours / 2 people

### Insurance

- Borrower must provide an insurance certificate.

### Fees

- \$800 / 8 Weeks + Shipping + applicable taxes

**SEED**  
INTERACTIVE



CANADA AVIATION  
AND SPACE MUSEUM

Do you qualify for the Exhibition Circulation Fund through the Department of Canadian Heritage? Search online for "Museum Assistance Program."

Ingenium — Canada's Museums of Science and Innovation

outreach-rayonnement@IngeniumCanada.org

1-866-442-4416 ex. 2147

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