



PERFORMER FLYING INTEGRATION

Designing multi-axes elements, lifts, and flying machines, the EPS team draws upon their extensive performer flying experience to ensure the safety of both actors and audiences.



MECHANICAL KNOW-HOW TO DESIGN COMPLEX FLIGHTS

- Adapting each solution for the venue and performance, whether designing a ride-on prop, a custom-themed acrobatic apparatus, or mechanical multi-axes element.
- Applying decades of experience in technical direction from the professionals who helped write the ANSI E1.43 standards.

SEAMLESSLY INTEGRATED SYSTEMS

- Coordinating with other vendors to develop turn-key systems for unique temporary shows or permanent recurring productions.
- Flexible controls design allows clients to use their preferred control system while maintaining the highest level of mechanical safety.

MARKETS WE SERVE



**Performance Venues
Permanent Installations
Touring Shows**



**Special Events and
Immersive Experiences**



Cruise Ships

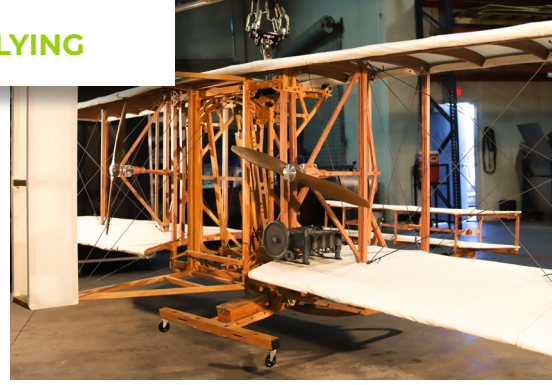


**Water Shows and
Attractions**



**Theme Park Attractions
and Shows**





ROYAL CARIBBEAN'S WRIGHT FLYER

For Royal Caribbean's original production, Flight: Dare to Dream, EPS worked alongside the theatrical consultant team to design, engineer, and fabricate a realistic ride-on prop that soars over the audience with a performer during the show's grand finale. To simulate actual flight motions, the Wright Flyer includes both motorized spinning propellers and hand-held controls for the plane's rotation. The performer manually manipulates the pitch and roll by leaning side to side and forward and backward. EPS fabricated this moving set piece from ultralight carbon fiber tubing to meet the exacting weight specifications needed to safely rig the flyer to the theater's 3D flying system. EPS regularly performs inspections and maintenance on the flyer, its specially-designed storage cases which serve as additional set pieces, and the rigging lines and connections that are built into the theater's structure.

Location:

Onboard Symphony of the Seas

Year Opened:

2018

Services Provided:

Project Management
Mechanical Design
Rigging & Inspections
Performer Flying Integration
Spectaculars

Client:

Royal Caribbean International



Established in 2007 in the entertainment capital of Las Vegas, EPS is comprised of a talented team of mechanical and electrical designers, engineers, project managers, artists, technicians, riggers, and installers that are ready to work alongside our partners to take on any challenge.

CONTACT US TODAY TO LEARN HOW EPS SOLVES PERFORMER FLYING INTEGRATION

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