

**A small room.
A useful answer.**

8-12

Guests in the first screen-room study.

Test the intended feeling of shared flight,
comfort, and access before committing to a
full-scale pavilion.



What exists. What comes next.

Available now

Concept artwork, an interactive browser demonstration, and an illustrative capacity model.

The next proof

A small guest study using rights-cleared recorded imagery, followed by a priced feasibility scope.

Still to validate

Physical construction, audience demand, allowable occupancy, full-scale economics, and live aerial operations.

The browser world is simulated. This is an independent concept; no festival, investor, or aviation company affiliation is claimed.

Agree what success means.

DRAFT STUDY CRITERIA

30+

Participants

Recruit varied access and comfort needs; this is a directional study.

80%

A shared lift

Proposed target: participants report the intended feeling of shared flight.

90%

Complete comfortably

Proposed target: finish the journey without asking to stop for discomfort.

Agree the questions and stop procedure in advance.
Record every early exit; these targets are proposals, not results or safety certification.

Design for the people inside.

Access

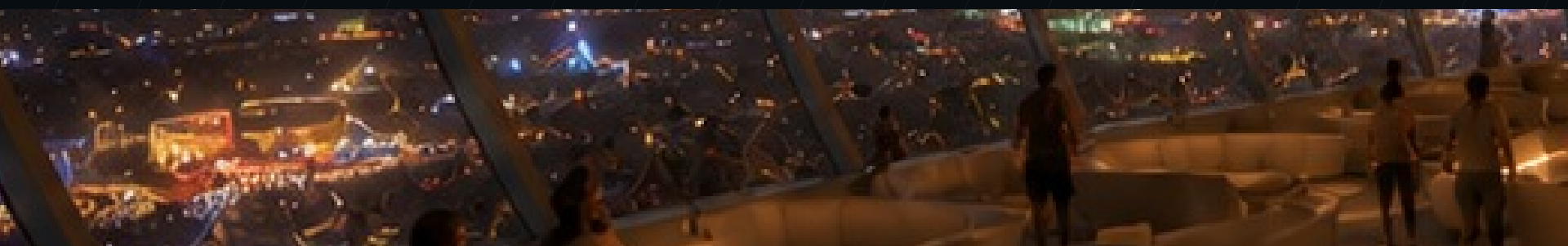
Co-design a step-free route, wheelchair positions, seating options, and clear exits. Venue and qualified specialists confirm the final provisions.

Comfort

Test horizon stability, visual motion, image latency, brightness, sound, heat, and the freedom to leave at any time.

Care

Brief guests before entry. Provide trained hosts, a stop procedure, and a clear way to capture feedback and incidents.



Engineer the site, then the show.

Structure

Quote dimensions, foundations or ballast, wind loads, fire performance, egress, queue space, and the agreed occupancy with qualified specialists.

Systems

Scope screen geometry, projection or LED, resolution, power, cooling, acoustics, connectivity, control, and maintenance access.

Operating limits

Set weather monitoring, inspection, evacuation, and shutdown procedures with the venue. Wind, lightning, heat, or rain may close the installation.

Recorded footage is a feed fallback only while the cabin remains within its agreed operating limits.

Make the view reliable first.

First study: recorded

Use rights-cleared recorded aerial imagery. The first guest test does not require a camera fleet or live flight operations.

Later: specialist capture

Define aircraft, locations, permissions, crew, airspace, privacy, insurance, and weather limits before a live aerial demonstration.

A complete image pipeline

Test capture, stitching, links, latency, failover, display calibration, and horizon behavior together. No end-to-end live system has been validated.

Applicable requirements depend on the aircraft and operation. Qualified aviation review is required before live capture.

Four inputs. One planning case.

175

Guests per cycle

10 min

Total cycle time

85%

Occupancy

70%

Operating uptime

22,491

Illustrative boardings across three days.

$175 \times (60 \div 10) \times 0.85 \times 0.70 \times 12 \text{ hours} \times 3 \text{ days}$.

The total cycle includes boarding, show, exit, and reset. These are full-scale assumptions, not approved occupancy or measured demand.

The range is in the assumptions.

Conservative

150 guests / 12 min / 80% occupancy / 70% uptime
420 per hour / 5,040 per 12-hour day
15,120 boardings across three days

Planning

175 guests / 10 min / 85% occupancy / 70% uptime
624.75 per hour / 7,497 per 12-hour day
22,491 boardings across three days

Upper scenario

200 guests / 8 min / 90% occupancy / 70% uptime
945 per hour / 11,340 per 12-hour day
34,020 boardings across three days

Boardings may include repeat visits. Engineers and the venue determine allowable occupancy. This model does not establish demand.

**Small changes.
A different result.**

18,742.5

With a 12-minute cycle.

175 guests, 85% occupancy, 70% uptime,
12 hours per day, three days.

16,065

With operating uptime at 50%.

175 guests, a 10-minute cycle, 85% occupancy,
12 hours per day, three days.

Decimal outputs describe a model, not a partial real-world
boarding.

Know the cost of every return.

\$38-94K

Guest study

Eight TV windows, a rendered flight, 50 test guests, three days.

\$658K-1.72M

Full build, once

Dome and airship envelope, 1,476 sq ft LED window ring, cabin, audio, content, engineering, 15% contingency.

\$167-356K

Each festival

Crew, 250 kW of power, 42 tons of cooling, trucking, insurance, permits, content re-skin.

About \$12-29 per boarding with the build spread over six festivals. Ranges from 2026 vendor pricing; the structure and envelope still need supplier quotes. Budget prepared by Joshua Logan. The line-by-line cost model is available on request.

The next decision: a scoped first study.

Agree the brief

Name the host and production lead. Set the study location, responsibilities, spending ceiling, schedule, content rights, and test questions.

Advance on evidence

Review comfort and guest response, a supplier-priced plan, venue fit, and operating constraints before a larger pilot or fabrication commitment.

Keep the business measurable

Document completed journeys, cycle times, interruptions, actual cost per boarding, and agreed partner outcomes.

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